

Historic, archived document

Do not assume content reflects current
scientific knowledge, policies, or practices.

United States Department of Agriculture

Bureau of Markets

FOOD SURVEYS

Published by Authority of the Secretary of Agriculture

WASHINGTON, D. C.

JUNE 29, 1918.

VOL. I, No. 9

ANNOUNCEMENT.—In accordance with the provisions contained in Section 2 of an Act of Congress (Public No. 40, 65th Congress) approved August 10, 1917, the Chief of the Bureau of Markets of the United States Department of Agriculture has been authorized and instructed, as an agent of the Secretary of Agriculture, to take such steps as may be necessary to obtain authoritative information regarding the matters authorized to be investigated under that section.

The Food Surveys Project has been established pursuant to Sections 2 and 8, of the Act, to obtain such information concerning food and food materials as may seem necessary or desirable for the guidance of governmental agencies and the public in

making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization.

The results of the surveys made under this Project will be published monthly in "Food Surveys," which will be mailed from Washington, D. C., between the fifteenth and twentieth of each month. Special numbers of "Food Surveys" will be issued from time to time as occasion may require. A copy may be obtained on application to "Food Surveys," Bureau of Markets, Room 229, Homer Building, Washington, D. C.

CHARLES J. BRAND, Chief, Bureau of Markets.
C. W. THOMPSON, In Charge, Food Surveys Project.

COMMERCIAL STOCKS OF MEAT AND MEAT PRODUCTS.

The stocks of meat and meat products covered by the Food Survey of January 1, 1918, for which information is here presented, include fresh beef, fresh pork, fresh veal, fresh mutton (including lamb and goat meat), dressed poultry and game, live poultry in the hands of dealers, salted and cured beef, cured hams, bacon and shoulders, other cured and salted pork, all other meats not canned (tongues, kidneys, livers, sausages, scrapple, etc.), and gelatin intended for food. The fresh meats above enumerated include chilled and frozen meats.

The estimated total commercial stocks of these commodities, assuming that the quantities actually reported represent from 85 to 90 per cent of the total, were as follows:

Fresh beef, 490,000,000 pounds; fresh pork, 107,000,000 pounds; fresh veal, 18,000,000 pounds; fresh mutton (including lamb and goat meat), 16,500,000 pounds; dressed poultry and game, 105,000,000 pounds; live poultry in the hands of dealers, 11,500,000 pounds; salted and cured beef, 52,000,000 pounds; cured hams, bacon and shoulders, 460,000,000 pounds; other salted and cured pork, 214,000,000 pounds; miscellaneous meats (tongues, kidneys, livers, sausages, scrapple, etc.), 95,000,000 pounds; and gelatin, 8,000,000 pounds.

For all fresh meats except beef and veal, the stocks on hand on the date of the Survey were considerably smaller than those reported for January 1, 1917, the stocks of fresh beef being larger by more than one-fifth. The stocks of the several commodities on January 1, 1918, represented the following percentages of those on hand a year earlier:

Fresh beef, 120.7 per cent; fresh pork, 70.9 per cent; veal, 113.4 per cent; mutton, 91.6 per cent; dressed poultry and game, 54.2 per cent; live poultry, 91.4 per cent; salted and cured beef, 101.7 per cent; cured hams, bacon and shoulders, 87.0 per cent; other salted and cured pork, 111.1 per cent; miscellaneous meats, 132.1 per cent, gelatin, 109.4 per cent.

Detailed information for each of these commodities is presented in the following pages.

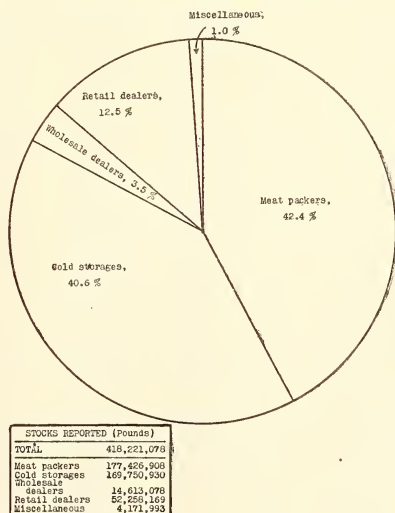
COMMERCIAL STOCKS OF FRESH BEEF.

The total stocks of fresh beef, including chilled and frozen beef, as reported in the War Emergency Food Survey of January 1, 1918, amounted to 418,221,078 pounds. Of this total, the meat packers and the cold storages each held slightly over two-fifths. The wholesale dealers held only 3.5 per cent of the total quantity reported, and the retail dealers 12.5 per cent. The remainder, amounting to 1.0 per cent, was held by a miscellaneous group. The stocks reported by each of these classes of business concerns, as well as by various subdivisions of the main classes, are shown in the first column of Table 1, and the relative amounts held by the several classes are represented graphically in Diagram 1.

Table 1.—Stocks of fresh beef reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks.		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
	Pounds.	Pounds.		Pounds.	
Total.....	418,221,078	336,845,203	120.7	279,054,754	
Meat packers.....	177,426,908	173,461,882	125.9	137,831,137	
Cold storages.....	169,750,930	120,906,369	119.9	100,874,106	
Wholesale dealers.....	14,613,078	10,821,419	121.5	8,909,050	
Meat and provision jobbers.....	13,030,207	9,498,816	123.3	7,701,684	
Other wholesale dealers.....	1,582,871	1,322,603	109.5	1,207,366	
Retail dealers.....	40,343,169	28,871,520	100.4	28,747,526	
Retail meat markets.....	25,249,653	17,861,339	102.6	17,405,278	
Other retail dealers.....	15,102,516	11,010,181	97.1	11,342,248	
Miscellaneous*.....	16,086,993	2,784,013	103.4	2,692,935	

DIAGRAM 1.—DISTRIBUTION OF TOTAL STOCKS OF FRESH BEEF REPORTED FOR JANUARY 1, 1918.



*The miscellaneous class includes U. S. Army Commissaries, which reported considerable stocks for January 1, 1918.

The number of firms reporting stocks of fresh meat is shown, by classes of business, in Table 2.

Geographic Distribution of Stocks Reported.

Nearly 174,000,000 pounds, or more than two-fifths of the total commercial stocks in the entire country, were reported from the states of the East North Central division, the West North Central division ranking second, with approximately 99,000,000 pounds, and the Middle Atlantic division third, with 71,000,000 pounds. These three geographic divisions together reported considerably more than three-quarters of the total commercial stocks of fresh beef in the entire country. Turning to the individual states, Illinois alone reported more fresh beef than did any of the geographic divisions

Table 2.—Number of firms reporting fresh beef, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	75,563	50,458
Meat packers.....	1,576	1,345
Cold storages.....	201	152
Wholesale dealers.....	822	663
Meat and provision jobbers.....	596	490
Other wholesale dealers.....	226	173
Retail dealers.....	65,344	43,114
Retail meat markets.....	25,572	16,781
Other retail dealers.....	39,772	26,333
Miscellaneous.....	7,620	5,184

Table 3.—Stocks of fresh beef reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Cold storages.	WHOLESALE DEALERS.			RETAIL DEALERS.			Miscellaneous.
				Total.	Meat and provision jobbers.	Other wholesale dealers.	Total.	Retail meat markets.	Other retail dealers.	
United States.....	Pounds. 418,221,078	Pounds. 177,426,908	Pounds. 169,750,930	Pounds. 14,613,078	Pounds. 13,030,207	Pounds. 1,582,871	Pounds. 40,343,169	Pounds. 25,240,653	Pounds. 15,102,516	Pounds. 4,171,993
GEOGRAPHIC DIVISIONS:										
New England.....	30,898,839	5,252,510	17,667,069	3,395,618	3,046,560	349,058	4,235,764	1,003,403	3,232,361	347,878
Middle Atlantic.....	71,001,637	13,861,165	41,847,139	3,070,505	2,444,246	626,259	11,109,584	8,472,401	2,637,183	1,113,244
East North Central.....	173,753,252	73,692,883	74,043,513	4,197,909	3,851,968	345,941	9,088,104	5,600,761	3,487,343	12,730,843
West North Central.....	98,930,961	61,052,880	31,024,733	603,447	562,387	43,060	5,668,946	3,400,765	2,268,181	578,955
South Atlantic.....	7,426,667	2,136,068	1,662,083	770,766	750,503	20,263	2,328,765	1,051,489	1,277,270	53,575
East South Central.....	2,782,188	1,131,713	430,442	107,608	106,888	720	1,005,995	591,236	414,759	106,430
West South Central.....	10,428,001	8,607,422	175,768	150,304	140,382	9,922	1,280,209	809,835	470,374	214,298
Mountain.....	9,546,085	4,409,086	1,230,809	1,457,831	1,453,169	44,662	2,231,559	1,374,284	857,275	177,400
Pacific.....	13,453,258	7,283,181	1,669,374	817,090	674,044	143,046	3,394,243	2,936,479	457,764	289,370
NEW ENGLAND:										
Maine.....	3,744,273	218,094	2,926,791	112,974	47,017	65,957	348,045	69,437	278,608	138,369
New Hampshire.....	151,209	201,050	-----	58,889	49,572	9,317	236,175	41,768	194,407	16,095
Vermont.....	213,717	23,578	1,379	21,157	21,157	-----	156,992	76,738	80,254	10,611
Massachusetts.....	23,512,034	4,189,087	14,346,127	2,861,763	2,380,508	271,255	1,978,402	467,853	1,510,549	136,655
Rhode Island.....	1,192,317	135,956	380,289	134,137	133,008	1,069	527,799	33,352	474,447	14,136
Connecticut.....	1,724,289	484,745	12,483	206,698	203,238	1,460	988,351	294,255	694,096	32,012
MIDDLE ATLANTIC:										
New York.....	46,580,119	8,426,269	30,162,457	1,912,893	1,727,910	184,983	5,277,417	4,287,171	990,246	801,083
New Jersey.....	12,722,429	1,367,197	7,676,073	639,804	258,196	381,608	2,360,013	2,355,713	494,300	179,342
Pennsylvania.....	11,699,089	4,067,699	4,008,609	517,508	458,140	59,668	2,972,154	1,819,517	1,152,637	132,819
EAST NORTH CENTRAL:										
Ohio.....	7,199,159	3,284,422	1,134,446	501,164	397,864	103,300	2,141,670	1,368,474	773,196	137,457
Indiana.....	5,850,424	1,877,674	2,972,707	95,806	93,866	1,950	3,353,369	384,974	450,385	66,778
Illinois.....	150,015,980	64,276,125	67,184,847	3,252,808	3,039,107	213,701	2,952,850	1,762,050	1,190,800	12,349,350
Michigan.....	4,396,508	2,191,917	129,587	274,145	252,227	21,918	1,690,024	986,815	703,209	111,135
Wisconsin.....	6,290,881	2,062,745	2,621,836	73,986	68,914	5,072	1,468,191	1,098,448	369,743	64,123
WEST NORTH CENTRAL:										
Minnesota.....	13,354,592	2,828,217	8,696,797	116,112	94,200	21,912	1,614,613	952,150	662,463	98,853
Iowa.....	7,960,740	4,998,429	1,331,280	284,583	273,081	11,502	1,165,038	865,386	299,652	181,410
Missouri.....	24,194,001	5,977,657	16,665,583	155,145	148,634	6,511	1,279,311	548,258	731,053	116,305
North Dakota.....	423,403	17,324	10,450	11,550	11,550	300	370,504	246,657	123,847	13,575
South Dakota.....	620,383	346,402	-----	1,750	-----	1,750	251,734	209,173	42,561	20,502
Nebraska.....	19,265,132	14,466,404	4,295,418	36,240	35,222	1,018	478,041	296,760	181,281	18,909
Kansas.....	33,082,705	32,418,387	25,205	67	-----	67	509,705	282,381	227,324	129,341
SOUTH ATLANTIC:										
Delaware.....	143,056	64,391	-----	12,322	12,322	-----	62,355	26,341	36,014	3,988
Maryland.....	1,980,674	620,843	415,600	239,929	230,414	515	468,927	225,336	243,591	235,375
District of Columbia.....	1,382,321	172,692	782,714	217,777	217,777	500	167,647	67,115	100,532	41,491
Virginia.....	1,347,682	310,946	340,697	195,640	181,392	14,248	410,579	230,831	179,748	89,820
West Virginia.....	427,698	171,298	-----	6	-----	6	237,983	101,196	136,787	18,411
North Carolina.....	259,698	47,119	15,146	6,300	5,000	1,500	159,729	93,840	65,889	31,204
South Carolina.....	438,841	19,277	-----	530	-----	530	404,793	374,869	30,924	14,241
Georgia.....	771,042	319,629	102,454	2,550	2,550	7,550	273,739	164,724	109,015	72,670
Florida.....	675,245	409,873	5,472	95,512	95,158	354	143,013	68,237	74,776	21,375
EAST SOUTH CENTRAL:										
Kentucky.....	769,413	193,277	117,846	92,474	92,474	-----	348,658	182,545	166,113	17,158
Tennessee.....	1,233,326	538,261	306,596	14,634	14,414	220	352,289	234,025	115,264	21,546
Alabama.....	541,970	329,101	6,000	-----	-----	-----	195,595	100,585	95,010	11,274
Mississippi.....	237,479	71,074	-----	500	-----	500	109,453	74,081	35,372	56,452
WEST SOUTH CENTRAL:										
Arkansas.....	272,466	65,486	-----	40,074	40,074	-----	160,879	65,268	95,611	6,027
Louisiana.....	620,083	270,209	114,431	43,183	37,183	6,000	177,776	140,311	37,465	14,884
Oklahoma.....	1,495,899	1,046,138	3,104	14,892	14,072	820	347,604	162,242	185,362	84,161
Texas.....	8,039,553	7,225,589	58,233	52,155	49,053	3,102	593,950	442,014	151,936	109,626
MOUNTAIN:										
Montana.....	1,513,353	578,379	7,597	180,268	170,923	9,345	675,458	510,554	164,904	71,651
Idaho.....	453,320	94,058	8,473	26,954	26,954	-----	315,055	262,994	52,061	8,780
Wyoming.....	150,152	24,918	-----	12,570	12,570	-----	105,186	48,937	56,249	7,478
Colorado.....	4,944,044	3,136,525	1,189,674	40,126	38,945	1,181	542,297	222,224	320,073	34,442
New Mexico.....	168,322	3,303	2,850	363	-----	363	143,014	58,354	84,660	18,592
Arizona.....	486,700	54,769	500	173,669	173,669	-----	242,220	179,663	62,557	15,542
Utah.....	1,549,941	315,140	21,718	1,030,108	1,030,108	-----	171,763	66,782	104,981	11,212
Nevada.....	280,853	201,794	-----	33,773	-----	33,773	36,566	24,196	12,370	8,720
PACIFIC:										
Washington.....	4,953,738	3,036,539	604,426	180,469	72,512	107,957	977,828	871,527	106,301	154,476
Oregon.....	673,131	265,139	9,627	48,056	44,706	3,350	337,556	302,750	35,106	12,453
California.....	7,826,389	3,981,503	1,055,321	588,565	556,826	31,739	2,078,559	1,762,202	316,357	122,441

except the East North Central, and more than three times as much as New York, the second state on the list.

The geographic distribution of the quantities reported is shown in graphic form in Diagram 2, while the distribution by states as well as by geographic divisions is given in Table 3, both for the total stocks and for each class of business. The stocks reported for the eighteen most important states are represented graphically in Diagram 3. This diagram brings out clearly the very prominent place occupied by Illinois as a holder of commercial stocks of fresh beef.

DIAGRAM 2.—STOCKS OF FRESH BEEF REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

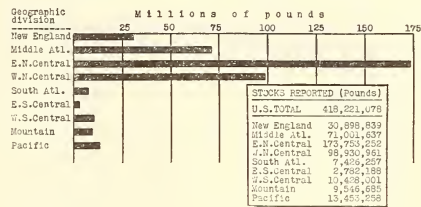
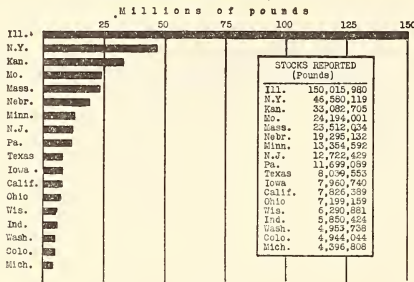


Table 4.—Comparative figures for fresh beef, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		COLD STORAGES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States	336,845,203	279,954,754	173,461,882	137,831,137	120,906,369	100,874,106	10,821,419	8,909,050	28,871,520	28,747,526
GEOGRAPHIC DIVISIONS:										
New England.....	16,092,936	13,479,747	4,254,411	3,241,566	5,158,323	4,271,878	3,214,037	2,599,707	3,280,363	3,151,298
Middle Atlantic.....	61,465,832	67,312,577	12,886,955	9,546,396	36,764,871	46,062,357	2,803,442	2,412,786	8,257,285	8,316,743
East North Central.....	125,335,398	103,125,367	72,583,812	64,958,553	43,876,725	29,571,756	1,508,195	1,461,047	6,628,882	6,706,258
West North Central.....	96,276,265	66,476,249	60,797,340	43,584,186	30,452,469	17,810,642	371,762	343,657	4,190,711	4,182,080
South Atlantic.....	6,014,548	5,272,570	1,974,285	1,258,361	1,604,475	1,836,679	722,888	506,962	1,275,742	1,299,329
East South Central.....	2,091,625	1,621,111	1,027,642	818,778	304,344	113,181	44,209	27,208	683,000	628,344
West South Central.....	9,710,185	8,128,502	8,521,127	6,973,270	163,738	138,927	144,304	120,919	732,712	766,572
Mountain.....	8,332,042	4,379,858	4,138,501	1,566,052	1,211,312	153,479	1,306,944	759,285	1,558,511	1,788,516
Pacific.....	11,526,372	9,258,743	6,977,809	5,583,975	1,370,112	885,207	705,618	677,389	2,234,254	1,908,386
NEW ENGLAND:										
Maine.....	3,551,196	2,565,741	215,594	159,092	2,917,701	2,000,150	112,174	100,513	276,802	263,121
New Hampshire.....	443,360	300,151	200,050	100,678	-----	-----	56,939	60,666	175,394	176,689
Vermont.....	174,128	166,511	22,948	4,018	1,379	674	21,157	23,901	125,472	124,472
Massachusetts.....	9,798,579	8,440,880	3,223,937	2,432,160	2,238,043	2,269,854	2,165,079	1,537,068	1,462,953	1,462,953
Rhode Island.....	702,052	602,950	135,956	98,145	-----	-----	123,887	94,033	430,572	399,184
Connecticut.....	1,423,621	1,353,514	455,926	447,473	1,200	1,200	206,318	155,515	738,039	723,709
MIDDLE ATLANTIC:										
New York.....	39,635,056	49,426,675	8,134,176	5,842,243	25,377,239	37,664,687	1,706,909	1,439,536	3,917,889	3,986,461
New Jersey.....	11,490,706	7,759,233	905,960	663,876	7,391,923	3,999,997	625,136	624,996	2,419,615	2,393,539
Pennsylvania.....	10,340,070	10,126,609	3,846,819	3,340,277	3,993,709	4,397,073	471,397	348,254	1,919,781	1,936,743
EAST NORTH CENTRAL:										
Ohio.....	4,877,680	3,970,070	2,941,617	2,020,326	-----	-----	355,715	264,415	1,464,436	1,587,524
Indiana.....	2,592,549	2,398,050	1,855,512	1,644,026	-----	-----	91,456	85,304	581,722	618,328
Illinois.....	108,504,923	89,121,036	64,176,260	55,022,139	41,199,900	28,192,801	719,069	672,187	2,264,201	2,072,223
Michigan.....	3,251,608	2,965,956	1,261,449	54,989	1,589,899	31,990	269,932	346,026	1,198,201	1,263,739
Wisconsin.....	5,608,638	4,670,255	1,746,913	2,010,622	2,621,836	1,346,965	72,023	93,115	1,120,322	1,164,244
WEST NORTH CENTRAL:										
Minnesota.....	12,886,108	6,539,466	2,708,516	1,967,505	8,696,797	2,967,116	107,840	112,773	1,288,276	1,405,370
Iowa.....	7,334,918	5,149,343	4,932,091	4,019,767	1,327,440	7,489	90,653	67,403	826,686	732,257
Missouri.....	23,260,632	16,474,960	5,961,442	4,375,546	16,108,700	10,925,926	147,288	123,049	964,261	962,878
North Dakota.....	308,694	235,166	17,324	7,975	-----	-----	11,550	11,000	272,318	206,529
South Dakota.....	596,147	431,506	346,402	222,756	-----	-----	-----	-----	182,081	200,188
Nebraska.....	19,097,325	13,637,932	14,455,464	9,846,158	4,265,418	3,420,951	14,431	20,432	317,128	334,395
Kansas.....	32,852,241	24,007,876	32,375,501	23,114,479	23,905	489,160	-----	-----	339,961	340,463
SOUTH ATLANTIC:										
Delaware.....	109,297	91,526	45,893	39,741	-----	-----	12,322	3,600	47,614	45,577
Maryland.....	1,694,350	1,962,322	559,998	526,024	415,600	703,993	198,010	189,596	287,537	323,609
District of Columbia.....	1,351,374	1,266,178	172,692	126,297	782,714	856,316	217,277	144,294	140,995	127,892
Virginia.....	1,072,846	730,137	284,404	128,016	283,059	234,000	195,540	76,121	228,391	225,725
West Virginia.....	323,600	258,960	155,572	85,624	-----	-----	-----	-----	156,248	164,866
North Carolina.....	201,562	206,960	42,594	11,005	15,146	11,025	6,500	42,000	110,754	118,075
South Carolina.....	90,678	86,679	14,400	14,450	-----	-----	430	380	65,033	61,430
Georgia.....	579,732	388,886	288,859	186,295	102,454	23,145	50	50	161,131	157,025
Florida.....	591,109	280,922	409,873	140,911	5,472	8,200	92,759	50,921	78,039	75,110
EAST SOUTH CENTRAL:										
Kentucky.....	593,611	440,646	192,165	138,880	117,846	50,000	29,295	7,000	243,613	234,014
Tennessee.....	793,131	693,437	493,167	395,128	180,498	55,390	14,414	20,114	253,839	221,186
Alabama.....	420,857	377,205	290,544	261,849	6,000	7,791	-----	-----	109,232	102,068
Mississippi.....	123,996	99,297	42,496	22,921	-----	-----	500	184	76,376	71,110
WEST SOUTH CENTRAL:										
Arkansas.....	164,313	193,075	38,470	63,638	-----	-----	40,074	41,101	81,742	84,341
Louisiana.....	485,501	416,955	223,831	123,732	105,431	80,608	37,183	28,343	109,242	177,532
Oklahoma.....	1,261,695	789,682	1,036,795	573,500	3,104	600	14,892	12,773	195,678	190,960
Texas.....	7,800,676	6,728,790	7,222,031	6,212,400	55,203	57,719	52,155	28,702	376,500	313,739
MOUNTAIN:										
Montana.....	1,121,775	865,592	560,121	160,208	-----	-----	116,616	43,783	401,434	610,213
Idaho.....	373,283	314,250	94,058	32,482	4,423	2,000	26,954	13,602	242,695	261,521
Wyoming.....	14,090	101,981	13,326	1,800	-----	-----	12,570	12,796	73,323	84,211
Colorado.....	4,675,652	1,621,666	3,037,134	1,095,563	1,184,671	143,753	92,385	28,444	398,790	357,658
New Mexico.....	134,789	135,702	3,503	2,839	-----	-----	363	1,927	113,331	122,131
Arizona.....	324,376	277,451	34,900	26,325	-----	-----	92,948	53,163	172,060	143,911
Utah.....	1,387,206	934,597	193,665	129,774	21,718	7,226	1,030,108	605,570	133,881	181,976
Nevada.....	230,871	178,619	201,794	147,031	-----	-----	-----	-----	22,997	26,895
PACIFIC:										
Washington.....	4,433,548	3,229,913	2,973,639	2,310,526	328,946	351,464	180,469	84,557	823,426	399,332
Oregon.....	557,411	509,166	265,139	203,251	9,627	11,862	14,381	35,701	258,018	246,612
California.....	6,535,413	5,519,664	3,739,031	3,070,198	1,031,539	521,881	510,768	557,131	1,152,810	1,262,442

*Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 2,784,013 pounds; for 1917, 2,692,935 pounds.

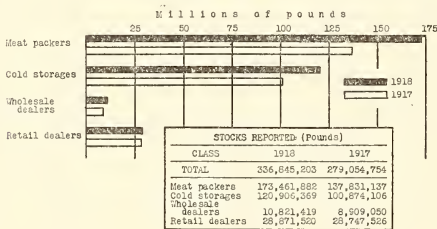
DIAGRAM 3.—STOCKS OF FRESH BEEF REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

The comparative figures contained in the last three columns of Table 1 and given in greater detail in Table 4, are based on those reports (about four-fifths of the total returns, on the basis of the quantity reported) which gave information for January 1, 1917, as well as for January 1, 1918. From these figures it may be seen that the stocks of fresh beef held by practically all of the classes of business on the date of the Survey were considerably larger than those held one year earlier. The increase in these stocks was largest in the case of the meat packers, though the percentages for the wholesale dealers and the cold storages are nearly as large. The retail holdings reported for January 1, 1918, were only a little larger than those held by the same dealers a year earlier. The total stocks of fresh beef on January 1, 1918, were 20.7 per cent larger than those on January 1, 1917. The relative stocks on the two dates are represented graphically for the meat packers, the cold storages, the wholesale dealers, and the retail dealers, in Diagram 4.

DIAGRAM 4.—STOCKS OF FRESH BEEF REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.



COMMERCIAL STOCKS OF FRESH PORK.

The stocks of fresh, chilled and frozen pork in commercial channels, as reported in the Food Survey of January 1, 1918, amounted to 90,872,176 pounds. Of these, the meat packers held 69.4 per cent; the cold storages, 10.4 per cent; the wholesale dealers, 4.6 per cent; and the retail dealers, 4.5 per cent. The quantities reported by each class of business concerns are given in the first column of Table 5, and the relative amounts held by the several classes are shown graphically in Diagram 5.

The number of schedules received and tabulated for fresh pork is shown in Table 6.

Table 5.—Stocks of fresh pork reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 90,872,176	Pounds. 82,143,563	70.9	Pounds. 115,931,018
Meat packers.....	63,097,333	61,635,240	73.7	83,573,424
Cold storages.....	9,411,239	7,566,869	48.1	15,728,016
Wholesale dealers.....	4,144,343	2,813,993	81.2	3,465,314
Meat and provision jobbers.....	3,614,682	2,333,035	80.3	2,966,602
Other wholesale dealers.....	529,661	480,958	86.1	558,712
Retail dealers.....	13,180,108	9,370,575	82.8	11,315,223
Retail meat markets.....	6,837,246	4,749,948	82.0	5,790,661
Other retail dealers.....	6,342,862	4,620,627	83.6	5,524,562
Miscellaneous.....	1,039,153	756,886	40.9	1,849,041

DIAGRAM 5.—DISTRIBUTION OF TOTAL STOCKS OF FRESH PORK REPORTED FOR JANUARY 1, 1918.

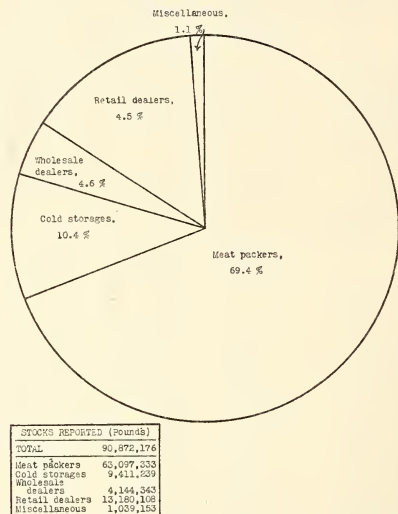


Table 6.—Number of firms reporting fresh pork, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	76,689	51,462
Meat packers.....	1,545	1,343
Cold storages.....	173	129
Wholesale dealers.....	799	636
Meat and provision jobbers.....	534	430
Other wholesale dealers.....	265	206
Retail dealers.....	68,115	45,308
Retail meat markets.....	24,292	15,890
Other retail dealers.....	43,823	29,418
Miscellaneous.....	5,057	4,046

Geographic Distribution of Stocks Reported.

The stocks reported for each geographic division as well as for the individual states are shown, by classes of business, in Table 7. The two North Central divisions, it may be noticed, led in the stocks of fresh pork reported, while the Middle Atlantic division came third and the New England division fourth. Among the individual states, Illinois ranked first, with 13,702,566 pounds, which was fully twice as much as was reported by the second state on the list, namely, Missouri. Kansas was the third state in order of stocks reported, and Massachusetts ranked fourth. The amount of fresh pork reported for the different geographic divisions are represented graphically in Diagram 6, while the quantities reported for the eighteen most important states are shown in similar form in Diagram 7.

DIAGRAM 6.—STOCKS OF FRESH PORK REPORTED FOR JANUARY 1, 1918, BY GEOGRAPHIC DIVISIONS.

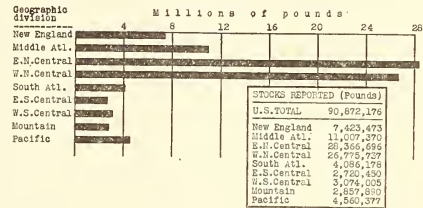


Table 7.—Stocks of fresh pork reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Cold storages.	WHOLESALE DEALERS.			RETAIL DEALERS.			Miscellaneous.
				Total.	Meat and provision jobbers.	Other wholesale dealers.	Total.	Retail meat markets.	Other retail dealers.	
Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	90,872,176	63,097,333	9,411,239	4,144,343	3,614,682	529,661	13,180,108	6,387,246	6,342,862	1,039,153
GEOGRAPHIC DIVISIONS:										
New England.....	7,423,473	4,354,126	1,201,319	861,161	702,561	158,600	947,241	220,651	726,590	59,626
Middle Atlantic.....	11,007,370	4,421,837	2,222,845	991,420	879,696	111,724	3,160,239	2,146,009	1,023,230	202,029
East North Central.....	28,366,696	21,296,210	1,701,995	1,606,728	1,427,664	179,064	3,581,823	1,940,540	1,641,283	179,940
West North Central.....	28,775,737	22,833,262	1,851,696	177,277	161,675	15,602	1,065,044	1,043,574	621,470	248,458
South Atlantic.....	4,086,178	1,603,190	600,513	173,758	152,682	20,776	1,304,736	342,122	1,052,614	163,981
East South Central.....	2,750,480	772,426	1,004,991	93,024	70,011	23,013	709,893	176,419	623,474	50,116
West South Central.....	3,074,005	2,264,496	219,733	30,368	23,124	7,244	522,594	229,943	292,651	36,814
Mountain.....	2,857,890	1,656,756	418,354	144,280	136,052	8,228	579,272	335,763	243,509	59,228
Pacific.....	4,560,377	3,835,030	99,793	66,327	60,917	5,410	520,266	402,225	118,041	38,961
NEW ENGLAND:										
Maine.....	327,791	72,942	81,802	46,059	41,756	4,303	121,441	11,686	109,755	5,547
New Hampshire.....	116,363	25,037	-----	9,791	6,031	3,760	73,694	11,554	62,140	7,841
Vermont.....	115,436	2,794	740	1,232	1,232	-----	98,658	48,715	49,943	12,012
Massachusetts.....	5,797,021	3,652,548	1,055,132	707,933	558,384	149,549	356,358	78,573	282,785	25,050
Rhode Island.....	218,878	36,719	51,229	32,894	32,262	632	95,837	10,189	85,648	2,199
Connecticut.....	847,984	564,086	12,416	63,252	62,896	356	201,253	64,934	136,319	6,977
MIDDLE ATLANTIC:										
New York.....	4,577,533	1,498,401	897,068	615,843	543,633	72,210	1,486,481	1,110,214	376,267	79,740
New Jersey.....	2,003,252	897,973	520,347	138,488	128,272	10,216	395,823	266,744	129,079	50,621
Pennsylvania.....	4,426,585	2,025,463	805,430	237,089	207,791	29,298	1,286,935	769,051	517,884	71,668
EAST NORTH CENTRAL:										
Indiana.....	4,201,059	2,781,736	347,226	194,058	138,668	55,390	820,090	496,046	324,044	57,939
Illinois.....	13,714,162	2,674,814	32,755	39,027	38,183	844	3,060,093	196,950	190,143	31,473
Michigan.....	13,702,566	11,177,648	441,339	1,205,295	1,136,226	69,069	846,924	403,996	442,928	31,360
Wisconsin.....	3,471,735	2,251,979	42,170	149,849	96,413	53,436	1,007,422	441,817	565,605	20,315
Minnesota.....	3,517,174	2,410,033	838,495	18,499	18,174	325	511,294	401,731	109,563	38,853
WEST NORTH CENTRAL:										
Iowa.....	4,317,755	3,248,407	566,153	39,785	30,206	9,579	441,446	320,796	120,650	21,964
Missouri.....	5,539,923	4,968,716	106,758	106,558	106,268	290	299,066	232,013	67,053	154,799
Nebraska.....	6,583,263	4,927,811	1,269,219	15,118	10,900	4,218	349,999	123,356	226,643	21,116
North Dakota.....	2,113,361	3,028	1,800	2,399	1,599	800	195,713	128,020	67,693	8,421
South Dakota.....	805,297	816,613	-----	321	82,947	82	82,947	67,349	15,598	9,330
Kansas.....	3,197,814	3,017,217	3,420	13,048	12,702	346	138,770	94,212	44,558	25,359
Nevada.....	6,120,324	5,951,470	320	48	-----	48	156,103	77,228	78,275	12,383
SOUTH ATLANTIC:										
Delaware.....	68,635	2,534	700	19,320	19,320	-----	42,728	18,506	24,222	3,353
Maryland.....	590,037	316,186	30,113	57,602	57,106	496	170,495	52,713	117,782	15,641
District of Columbia.....	299,608	70,567	161,549	-----	-----	-----	65,562	20,540	45,022	1,930
Virginia.....	1,240,784	546,614	316,967	20,542	11,992	8,550	295,740	77,023	218,717	60,921
West Virginia.....	356,192	176,549	7,000	300	151,737	300	101,737	37,583	114,154	20,606
North Carolina.....	291,682	23,127	2,270	2,618	2,618	-----	245,734	41,549	204,185	17,933
South Carolina.....	127,103	20,290	308	308	97,175	-----	29,553	73,022	9,330	9,330
Georgia.....	703,324	249,819	147,486	52,478	47,019	5,459	238,588	45,728	192,860	14,953
Florida.....	408,813	257,504	24,428	20,590	17,545	3,045	86,977	24,927	62,050	19,314
EAST SOUTH CENTRAL:										
Kentucky.....	510,066	77,423	121,014	55,823	55,553	270	238,022	35,779	202,243	17,784
Tennessee.....	1,084,898	240,609	558,241	20,245	14,458	5,787	245,968	70,152	175,816	19,835
Alabama.....	953,871	423,980	325,736	16,806	16,806	-----	181,062	50,060	131,002	6,287
Mississippi.....	171,615	30,414	-----	150	-----	150	134,841	20,428	114,413	6,210
WEST SOUTH CENTRAL:										
Arkansas.....	190,222	19,956	2,040	22,259	17,359	4,900	140,544	28,019	112,525	5,423
Louisiana.....	136,405	42,927	18,689	1,881	1,381	500	69,044	37,457	31,587	3,864
Oklahoma.....	761,858	599,715	5,921	627	-----	627	138,578	55,258	83,320	17,017
Texas.....	1,985,520	1,601,898	193,083	5,601	4,384	1,217	174,428	109,209	65,219	10,510
MOUNTAIN:										
Montana.....	524,749	226,882	4,932	67,800	65,700	2,100	196,521	139,303	57,218	28,614
Idaho.....	124,107	13,464	4,047	20,698	20,698	-----	83,142	71,154	11,988	7,756
Wyoming.....	40,975	3,217	-----	5,211	5,211	-----	27,926	13,127	14,799	4,621
Colorado.....	1,398,332	1,075,785	186,003	4,600	4,527	82	119,843	43,044	76,799	11,492
New Mexico.....	34,278	1,129	88	88	88	-----	27,294	14,694	14,600	5,767
Arizona.....	66,297	2,924	250	20,412	20,412	-----	41,130	31,082	10,048	1,581
Utah.....	546,398	230,310	222,522	19,504	19,504	-----	72,019	20,643	51,376	2,043
Nevada.....	122,754	103,045	-----	5,958	-----	5,958	11,397	4,716	6,681	2,354
PACIFIC:										
Washington.....	1,565,553	1,284,991	88,788	16,701	15,353	1,348	158,027	133,544	24,483	17,046
Oregon.....	122,973	36,313	337	6,235	4,160	2,075	72,852	53,847	19,005	7,236
California.....	2,871,851	2,513,726	10,668	43,391	41,404	1,987	289,387	214,834	74,553	14,679

Comparative Figures for 1918 and 1917.

More than four-fifths of the reports for fresh pork, based on the amount reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year schedules are given, for each class of business, in the last three columns of Table 5, and also, by geographic divisions and states, in Table 8. From these figures it appears that there was a considerable decrease in the commercial stocks of fresh pork during the calendar year 1917, the total stocks on the date of the Survey being only 70.9 per cent of those on January 1, 1917. This decrease in the case of the cold storages amounted to nearly 52 per cent, and in the case of the meat packers, to over 26 per cent. In the case of the wholesale dealers and the retail dealers, on the other hand, the decrease amounted to less than 20 per cent. The relative stocks on the two dates are shown graphically, for the four leading groups of firms reporting, in Diagram 8.

DIAGRAM 7.—STOCKS OF FRESH PORK REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.

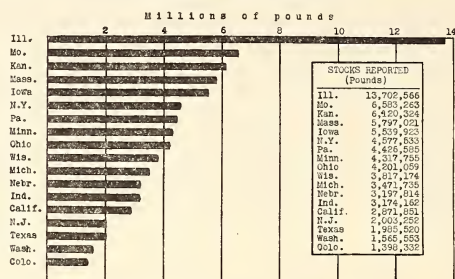
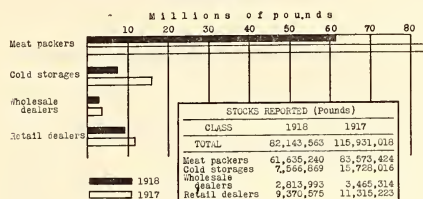


Table 8.—Comparative figures for fresh pork, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		COLD STORAGES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States.....	82,143,563	115,931,018	61,635,240	83,573,424	7,566,869	15,728,016	2,813,993	3,465,314	9,370,575	11,315,223
GEOGRAPHIC DIVISIONS:										
New England.....	6,580,515	9,425,265	4,319,878	6,760,120	682,596	755,179	831,821	1,014,095	708,182	837,495
Maine.....	9,205,587	11,664,454	4,058,897	5,090,455	1,857,623	2,745,967	859,355	1,170,652	2,297,125	2,484,340
Middle Atlantic.....	25,824,944	43,006,550	20,838,386	31,649,768	1,533,656	7,198,969	692,732	744,269	2,024,904	3,166,945
East North Central.....	26,067,855	35,823,967	22,784,512	29,558,666	1,847,012	3,515,482	72,982	161,398	1,140,322	1,437,804
West North Central.....	3,117,293	3,192,195	1,501,392	1,490,601	387,093	361,475	152,904	171,125	958,851	1,059,300
South Atlantic.....	1,909,382	1,775,875	711,556	786,705	590,743	253,632	30,691	27,901	543,245	673,333
East South Central.....	2,782,997	4,835,063	2,250,896	4,250,669	160,870	153,509	28,888	38,756	326,326	376,869
West South Central.....	2,440,935	2,719,200	1,525,750	1,507,482	411,122	276,160	83,252	63,172	384,757	834,741
Mountain.....	4,214,039	3,488,449	3,644,063	2,469,958	96,154	467,643	61,668	73,946	386,863	444,396
Pacific.....										
NEW ENGLAND:										
Maine.....	291,711	313,746	68,742	54,905	81,132	100,000	45,394	36,474	93,012	118,604
New Hampshire.....	90,172	114,288	24,447	40,990			9,526	10,016	51,883	58,575
Vermont.....	90,505	109,598	2,794	3,512	740	865	1,232	1,659	74,889	88,891
Massachusetts.....	5,192,984	7,545,119	3,634,066	5,658,556	591,224	644,514	682,004	893,470	270,767	328,095
Rhode Island.....	172,503	176,512	33,194	52,053			30,769	36,376	86,707	86,707
Connecticut.....	772,503	1,166,002	558,635	959,104	9,500	9,500	62,963	36,100	140,418	156,623
MIDDLE ATLANTIC:										
New York.....	3,790,091	5,513,170	1,414,676	1,995,860	689,487	1,405,754	534,062	793,450	1,088,744	1,246,961
New Jersey.....	1,552,331	2,009,303	1,750,886	2,255,593	362,036	483,780	130,136	194,238	279,452	382,082
Pennsylvania.....	3,862,975	4,414,981	1,884,335	2,169,062	805,200	856,433	195,106	182,964	928,839	855,277
EAST NORTH CENTRAL:										
Ohio.....	3,726,578	5,581,354	2,578,817	3,254,358	347,202	1,308,454	186,597	301,101	568,834	662,455
Indiana.....	3,002,440	5,266,745	2,054,648	4,481,295			30,383	38,283	638,697	638,697
Illinois.....	12,449,713	24,405,338	11,148,065	17,759,074	347,943	5,575,779	311,735	261,161	617,595	777,908
Michigan.....	3,161,532	4,055,784	2,232,324	3,278,426	1,951	5,000	142,002	125,764	773,545	633,542
Wisconsin.....	3,484,681	3,697,329	2,242,532	2,876,615	836,560	309,736	16,015	17,960	377,103	454,343
WEST NORTH CENTRAL:										
Minnesota.....	4,178,064	3,743,505	3,248,207	2,892,566	566,153	303,000	38,154	104,090	311,116	429,867
Iowa.....	5,317,514	7,996,952	4,938,529	6,813,690	7,900	2,304	10,883	16,977	210,394	254,731
Missouri.....	6,441,112	9,612,345	4,911,717	7,118,713	1,269,219	2,172,879	14,814	22,830	229,830	281,147
North Dakota.....	135,478	135,467	3,028	2,432			2,399	978	125,065	127,108
South Dakota.....	773,051	679,907	716,613	784,295					57,900	94,136
Nebraska.....	3,143,961	4,638,482	3,017,117	3,713,611	3,420	786,428	6,732	14,109	95,424	120,609
Kansas.....	6,071,275	8,801,309	5,949,207	8,233,339	320	250,871			110,053	130,206
SOUTH ATLANTIC:										
Delaware.....	52,784	52,697	670	1,897	700	9,205	19,320	5,510	30,251	34,695
Maryland.....	485,686	634,308	290,844	399,473	30,113	59,271	52,422	44,597	101,835	123,338
District of Columbia.....	290,320	416,512	70,567	138,009	161,549	237,955		1,352	56,598	36,729
Virginia.....	807,691	749,701	531,673	412,272	13,547	5,000	19,757	52,641	186,595	227,645
West Virginia.....	279,149	265,581	157,793	131,150	7,000	2,000			100,054	117,070
North Carolina.....	217,392	280,206	20,027	13,562	2,270	1,300	1,000	30,520	185,179	223,012
South Carolina.....	95,937	91,706	15,597	4,325		308	650		71,647	77,770
Georgia.....	538,961	403,982	156,627	185,660	147,486	40,015	44,717	9,834	176,237	159,876
Florida.....	349,379	297,502	257,504	204,253	24,428	6,729	15,080	26,021	50,455	59,165
EAST SOUTH CENTRAL:										
Kentucky.....	389,078	354,853	77,423	56,233	121,014	50,000	10,823	1,000	169,599	234,987
Tennessee.....	905,227	791,596	239,778	337,848	469,729	202,927	19,618	25,099	161,217	209,771
Alabama.....	482,511	512,355	365,414	381,210		705	100	1,502	112,516	126,034
Mississippi.....	132,976	117,071	28,941	11,414			150	300	99,913	102,541
WEST SOUTH CENTRAL:										
Arkansas.....	137,593	172,048	16,760	31,026	1,740	2,200	21,359	27,562	95,280	108,649
Louisiana.....	104,189	177,431	40,583	49,095	16,649	70,602	1,381	2,330	42,576	52,058
Oklahoma.....	681,781	1,161,129	592,296	1,065,813	5,921	200	547	1,574	79,564	89,549
Texas.....	1,859,434	3,324,455	1,601,257	3,104,715	136,560	80,507	5,601	7,290	108,906	126,613
MOUNTAIN:										
Montana.....	366,687	725,139	222,132	207,684			21,608	26,044	109,631	471,506
Idaho.....	95,416	91,058	12,169	5,601	2,497	450	20,698	5,012	58,072	78,263
Wyoming.....	28,251	43,132	925	8,660			5,211	4,455	18,232	27,296
Colorado.....	1,322,903	1,567,177	1,040,339	1,166,535	185,853	275,026	4,105	3,532	18,407	116,614
New Mexico.....	25,996	34,025	1,129	6,243		88			19,236	26,730
Arizona.....	43,352	54,514	900	293	250	150	12,038	15,394	29,051	37,049
Utah.....	448,726	142,075	145,111	65,912	222,522	534	19,504	8,179	60,662	65,329
Nevada.....	109,544	50,480	103,045	46,236					5,466	11,954
PACIFIC:										
Washington.....	1,498,275	744,528	1,274,418	560,144	88,788	6,532	15,232	30,544	107,709	135,053
Oregon.....	98,171	136,773	36,313	41,157	337	771	5,035	12,795	52,467	78,737
California.....	2,617,593	2,607,148	2,333,332	1,868,657	7,029	460,340	41,401	30,607	226,687	230,606

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 756,886 pounds; for 1917, 1,849,041 pounds.

DIAGRAM 8.—STOCKS OF FRESH PORK REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.



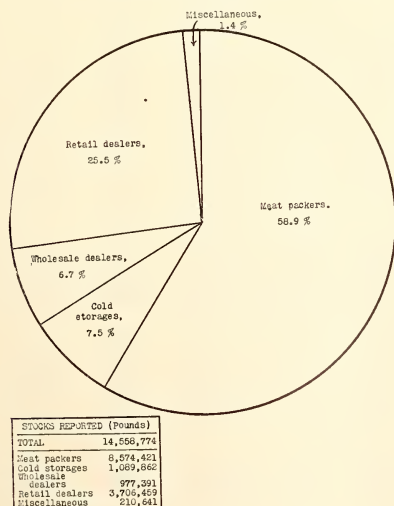
COMMERCIAL STOCKS OF VEAL.

The stocks of veal (fresh, chilled and frozen) which were reported in the Food Survey of January 1, 1918, amounted to 14,558,774 pounds. Of this quantity the meat packers held 58.9 per cent and the cold storages 7.5 per cent. The wholesale dealers held only 6.7 per cent of the total, while the retail dealers held 25.5 per cent. The stocks reported by each class of business concerns handling fresh veal are given in the first column of Table 9, and the relative quantities reported by the main classes of business are shown graphically in Diagram 9.

Table 9.—Stocks of veal reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 14,558,774	Pounds. 12,560,128	113.4	Pounds. 11,071,839
Meat packers.....	8,574,421	8,384,983	119.5	7,918,270
Cold storages.....	1,089,862	638,533	131.3	486,435
Wholesale dealers.....	977,391	811,528	100.1	810,687
Meat and provision jobbers.....	858,169	722,772	103.5	698,073
Other wholesale dealers.....	119,222	88,756	78.8	112,614
Retail dealers.....	3,706,459	2,589,881	98.6	2,627,418
Retail meat markets.....	2,608,532	1,878,977	106.9	1,757,388
Other retail dealers.....	1,097,927	710,904	81.7	870,130
Miscellaneous.....	210,641	135,203	104.8	129,029

DIAGRAM 9.—DISTRIBUTION OF TOTAL STOCKS OF VEAL REPORTED FOR JANUARY 1, 1918.



The number of schedules received and tabulated for fresh veal is given in Table 10.

Table 10.—Number of firms reporting veal, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	33,703	22,734
Meat packers.....	863	700
Cold storages.....	55	35
Wholesale dealers.....	532	401
Meat and provision jobbers.....	377	292
Other wholesale dealers.....	155	109
Retail dealers.....	29,189	19,519
Retail meat markets.....	15,924	10,429
Other retail dealers.....	13,265	9,090
Miscellaneous.....	3,064	2,079

Geographic Distribution of Stocks Reported.

The distribution of the stocks of veal reported in the Survey by geographic divisions and states is shown, for each class of business concerns, in Table 11. This table indicates that the commercial stocks of fresh veal were somewhat more widely distributed over the country than were the stocks of fresh beef or fresh pork on the same date. In the East South Central division, however, and also in the South Atlantic, the stocks of this commodity were decidedly small. The distribution of the stocks of veal among the different geographic divisions of the United States is shown in graphic form in Diagram 10, and the quantities reported for the eighteen most important states are shown in similar form in Diagram 11.

DIAGRAM 10.—STOCKS OF VEAL REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

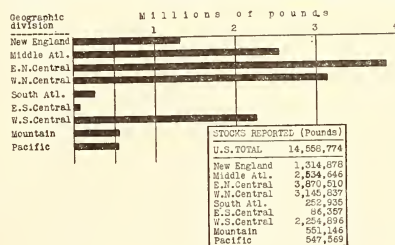
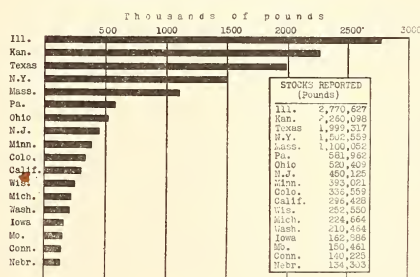


DIAGRAM 11.—STOCKS OF VEAL REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

More than six-sevenths of the reports, based on the quantity reported, gave information for January 1, 1917 as well as for January 1, 1918. Comparative figures based on these two-year reports are given, by classes of business, in the last three columns of Table 9 and also, by geographic divisions and states, in Table 12. From these figures it appears that the stocks of fresh veal held by the meat packers on the date of the Survey were 19.5 per cent larger than those held by them a year earlier, while the holdings of the cold storages show an even larger increase—31.3 per cent—over those of January 1, 1917. The stocks of the wholesale dealers, on the other hand, were approximately equal on the two dates, while those of the retail dealers showed a slight decrease, the retail stocks on January 1, 1918, being 98.6 per cent of those on January 1, 1917. The total commercial stocks on the date of the Survey were 13.4 per cent larger than those on hand a year earlier. The relative stocks on the two dates are shown graphically for the four main classes of business concerns in Diagram 12.

DIAGRAM 12.—STOCKS OF VEAL REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

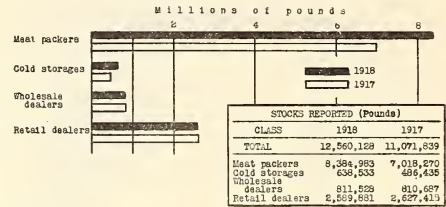


Table 11.—Stocks of veal reported for January 1, 1918, by classes of business, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Cold storages.	WHOLESALE DEALERS.			RETAIL DEALERS.			Miscellaneous.
				Total.	Meat and provision jobbers.	Other wholesale dealers.	Total.	Retail meat markets.	Other retail dealers.	
United States.....	Pounds. 14,558,774	Pounds. 8,574,421	Pounds. 1,089,862	Pounds. 977,391	Pounds. 858,169	Pounds. 119,222	Pounds. 3,706,459	Pounds. 2,608,532	Pounds. 1,097,927	Pounds. 210,641
GEOGRAPHIC DIVISIONS:										
New England.....	1,314,878	682,578	121,198	282,391	265,551	16,840	205,016	69,181	135,835	23,695
Middle Atlantic.....	2,534,646	550,376	451,574	275,326	228,200	47,126	1,195,161	943,235	251,926	62,209
East North Central.....	3,870,510	2,105,440	304,496	216,754	185,855	30,899	1,202,295	806,829	395,466	41,525
West North Central.....	3,145,857	2,629,667	37,691	21,072	7,953	13,117	418,133	261,240	153,893	19,276
South Atlantic.....	232,935	45,256	11,360	64,158	62,113	2,045	122,060	77,304	44,756	10,101
East South Central.....	86,357	27,238	3,007	1,501	1,451	50	50,367	28,362	22,005	4,251
West South Central.....	2,254,896	2,090,011	16,953	14,613	14,613	2,340	142,176	120,437	21,739	5,756
Mountain.....	551,146	212,092	123,424	36,181	33,392	2,789	153,465	108,850	44,615	25,984
Pacific.....	547,569	231,765	17,119	63,055	59,039	4,016	217,786	190,094	27,692	17,844
NEW ENGLAND:										
Maine.....	14,338	1,258	-----	2,865	587	2,278	8,736	2,061	6,675	1,479
New Hampshire.....	11,918	1,728	-----	401	251	150	9,133	3,301	6,832	656
Vermont.....	8,445	-----	-----	10	-----	-----	7,740	3,366	4,344	695
Massachusetts.....	1,100,952	623,560	110,153	264,164	249,762	14,402	84,604	29,360	55,244	17,571
Rhode Island.....	39,900	4,257	10,748	5,417	5,407	10	18,841	1,672	17,172	634
Connecticut.....	140,225	51,775	297	9,534	9,534	-----	75,959	30,391	45,568	2,660
MIDDLE ATLANTIC:										
New York.....	1,502,559	325,428	314,447	195,943	160,573	35,370	620,861	537,607	83,254	45,880
New Jersey.....	450,125	63,334	65,800	53,978	46,173	7,805	262,295	216,875	45,420	4,718
Pennsylvania.....	581,962	161,614	71,327	25,405	21,454	3,951	312,005	188,753	123,252	11,611
EAST NORTH CENTRAL:										
Ohio.....	520,409	101,991	37,366	21,960	16,924	5,036	354,565	265,838	88,727	4,527
Indiana.....	102,260	24,496	1,686	5,270	5,220	50	67,204	32,130	35,074	3,604
Illinois.....	2,770,627	1,919,155	211,896	135,599	120,895	14,704	479,423	282,014	197,409	24,554
Michigan.....	224,664	27,107	800	47,809	39,900	7,909	145,236	92,854	52,382	3,712
Wisconsin.....	252,550	32,691	52,748	6,116	2,916	3,200	155,867	133,993	21,874	5,128
WEST NORTH CENTRAL:										
Minnesota.....	393,021	144,812	51,846	14,326	2,775	11,551	174,773	92,396	82,377	7,264
Iowa.....	162,886	76,179	-----	2,279	1,667	612	82,292	67,044	15,248	2,136
Missouri.....	150,461	71,672	3,500	1,520	1,387	133	67,906	41,720	26,186	5,863
North Dakota.....	33,562	232	2,220	-----	-----	-----	28,484	16,623	11,861	2,626
South Dakota.....	11,506	320	-----	-----	-----	-----	10,382	9,306	1,086	294
Nebraska.....	134,303	103,595	125	2,947	2,126	821	26,826	15,669	11,157	810
Kansas.....	2,260,098	2,232,855	-----	-----	-----	-----	26,960	21,482	5,478	283
SOUTH ATLANTIC:										
Delaware.....	5,506	930	-----	-----	-----	-----	4,438	2,582	1,856	138
Maryland.....	59,361	5,136	10,000	10,895	10,895	-----	31,371	17,052	14,319	1,959
District of Columbia.....	23,345	6,397	900	2,198	1,998	200	12,049	6,237	5,812	1,801
Virginia.....	97,768	10,661	-----	50,333	48,688	1,645	35,528	25,455	10,073	1,246
West Virginia.....	17,967	3,641	-----	-----	-----	-----	13,402	6,998	6,404	924
North Carolina.....	8,730	1,155	400	200	-----	200	6,028	5,213	815	887
South Carolina.....	8,714	1,500	-----	-----	-----	-----	5,894	4,373	1,521	320
Georgia.....	17,948	8,301	-----	-----	-----	-----	8,634	6,281	2,353	1,013
Florida.....	13,596	6,535	-----	532	532	-----	4,716	3,113	1,603	1,813
EAST SOUTH CENTRAL:										
Kentucky.....	25,202	3,844	-----	984	934	50	19,245	8,527	10,718	1,129
Tennessee.....	35,682	13,566	3,000	517	517	-----	16,433	11,586	4,847	2,166
Alabama.....	18,661	7,289	-----	-----	-----	-----	10,658	4,599	6,059	714
Mississippi.....	6,812	2,539	-----	-----	-----	-----	4,031	3,650	381	242
WEST SOUTH CENTRAL:										
Arkansas.....	12,598	2,850	-----	3,833	3,833	-----	5,160	2,782	2,378	755
Louisiana.....	114,980	42,088	-----	7,563	5,563	2,000	64,335	62,975	1,359	994
Oklahoma.....	128,001	111,438	-----	2,438	2,438	-----	13,485	7,857	5,628	640
Texas.....	1,999,317	1,933,635	-----	3,119	2,779	340	59,196	46,822	12,374	3,367
MOUNTAIN:										
Montana.....	114,479	16,968	4,732	29,883	28,563	1,320	46,680	40,387	6,293	16,216
Idaho.....	27,917	500	505	1,120	1,120	-----	24,801	23,129	1,672	991
Wyoming.....	7,375	-----	-----	-----	-----	-----	6,950	3,704	3,246	425
Colorado.....	336,559	184,696	109,551	1,451	1,426	25	34,739	12,476	22,263	6,122
New Mexico.....	8,753	506	70	70	70	70	7,323	3,368	3,955	854
Arizona.....	16,075	529	2,283	2,283	2,283	-----	12,694	10,034	2,660	572
Utah.....	34,450	5,517	8,636	1,374	-----	1,374	18,797	14,365	4,432	126
Nevada.....	5,535	3,376	-----	-----	-----	-----	1,481	1,387	94	678
PACIFIC:										
Washington.....	210,464	108,230	5,691	22,060	19,539	2,521	63,714	57,822	5,892	10,769
Oregon.....	40,677	9,502	794	1,069	869	200	28,242	24,921	3,321	1,070
California.....	296,428	114,033	10,634	39,926	38,631	1,295	125,830	107,351	18,479	6,005

Table 12.—Comparative figures for veal, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		COLD STORAGE.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States.....	Pounds. 12,560,128	Pounds. 11,071,839	Pounds. 8,384,983	Pounds. 7,018,270	Pounds. 638,533	Pounds. 486,435	Pounds. 811,528	Pounds. 810,687	Pounds. 2,589,881	Pounds. 2,627,418
GEOGRAPHIC DIVISIONS:										
New England.....	1,100,172	884,871	660,214	369,854	7,000	264	277,285	340,056	145,864	164,857
Middle Atlantic.....	1,988,576	1,789,737	490,945	334,598	365,862	222,297	213,766	210,252	870,940	969,972
East North Central.....	3,179,285	2,991,773	2,040,905	1,823,931	65,309	233,198	155,568	138,944	883,730	772,807
West North Central.....	2,945,791	4,036,794	2,023,803	3,725,260	55,471	3,589	17,665	21,395	235,401	273,786
South Atlantic.....	187,202	156,816	39,828	21,152	11,330	6,761	57,451	44,794	72,636	77,546
East South Central.....	64,949	67,061	23,268	26,349	3,000	-----	1,117	728	35,706	38,009
West South Central.....	2,174,688	381,586	2,075,956	290,360	-----	-----	14,953	7,407	79,945	80,106
Mountain.....	451,426	262,829	201,330	141,647	118,392	2,909	16,113	7,971	106,654	99,573
Pacific.....	468,039	500,372	228,734	285,119	12,139	17,417	57,610	39,140	159,005	150,762
NEW ENGLAND:										
Maine.....	9,177	13,736	460	3,450	-----	-----	2,519	1,713	5,217	7,621
New Hampshire.....	8,759	10,646	1,593	1,308	-----	-----	401	415	6,290	8,355
Vermont.....	7,031	6,977	-----	-----	-----	-----	10	100	6,476	6,586
Massachusetts.....	951,214	667,232	612,909	264,438	7,000	264	259,534	323,441	65,009	73,432
Rhode Island.....	23,706	21,434	4,257	-----	-----	-----	5,417	6,289	13,594	14,756
Connecticut.....	100,285	164,846	40,995	100,658	-----	-----	9,404	8,098	48,387	54,107
MIDDLE ATLANTIC:										
New York.....	1,235,767	971,285	285,215	173,125	294,595	117,827	144,730	127,373	475,306	511,659
New Jersey.....	322,119	367,584	60,152	60,109	-----	-----	50,341	67,539	207,984	235,869
Pennsylvania.....	430,690	450,868	145,578	101,364	71,267	104,470	18,695	15,340	187,650	222,444
EAST NORTH CENTRAL:										
Ohio.....	424,892	268,017	98,021	60,660	27,624	20,000	17,169	13,145	278,425	170,181
Indiana.....	71,915	86,400	19,447	22,614	-----	-----	2,820	3,834	46,598	57,529
Illinois.....	2,333,606	2,264,544	1,868,226	1,677,709	-----	-----	84,324	73,258	360,101	314,337
Michigan.....	170,880	208,492	26,210	46,393	800	-----	45,719	42,367	95,729	117,063
Wisconsin.....	177,892	164,320	29,001	16,555	36,885	23,895	5,536	6,340	102,877	113,697
WEST NORTH CENTRAL:										
Minnesota.....	291,694	212,364	143,586	93,270	51,846	-----	12,431	17,353	78,134	96,860
Iowa.....	131,294	1,727,547	75,430	1,667,914	-----	-----	1,196	440	53,410	57,739
Missouri.....	127,701	124,432	70,438	55,838	3,500	3,256	1,391	2,470	47,383	57,972
North Dakota.....	19,416	15,226	232	-----	-----	-----	-----	-----	18,492	14,633
South Dakota.....	8,217	10,414	-----	-----	-----	-----	-----	-----	8,153	10,927
Nebraska.....	123,796	61,961	103,395	38,960	125	333	2,647	1,132	17,126	20,946
Kansas.....	2,243,673	1,884,850	2,230,722	1,869,278	-----	-----	-----	-----	12,703	15,309
SOUTH ATLANTIC:										
Delaware.....	4,391	4,554	930	1,063	-----	-----	-----	640	3,333	2,691
Maryland.....	39,217	31,622	5,136	5,128	10,000	1,500	4,533	2,398	18,293	21,201
District of Columbia.....	19,818	23,200	6,397	3,637	900	4,860	1,998	4,518	9,149	8,669
Virginia.....	79,001	57,419	8,616	1,437	-----	-----	50,188	34,376	19,239	20,649
West Virginia.....	8,430	10,491	1,285	3,393	-----	-----	-----	-----	6,597	6,357
North Carolina.....	5,462	7,353	579	589	460	401	200	1,000	3,627	4,721
South Carolina.....	6,359	3,672	2,500	760	-----	-----	-----	-----	3,659	2,752
Georgia.....	14,138	8,708	7,850	1,248	-----	-----	-----	-----	5,726	6,934
Florida.....	10,386	9,797	6,535	3,897	-----	-----	532	1,862	3,013	3,572
EAST SOUTH CENTRAL:										
Kentucky.....	17,440	20,049	3,844	3,979	-----	-----	600	650	11,975	14,308
Tennessee.....	27,878	24,270	11,073	10,043	3,000	-----	517	78	12,936	13,705
Alabama.....	14,739	20,108	6,094	11,973	-----	-----	-----	-----	8,190	7,745
Mississippi.....	4,892	2,634	2,257	354	-----	-----	-----	-----	2,605	2,251
WEST SOUTH CENTRAL:										
Arkansas.....	6,493	4,273	-----	-----	-----	-----	3,833	1,577	2,107	2,449
Louisiana.....	79,546	64,965	38,722	32,984	-----	-----	5,563	3,016	34,461	28,067
Oklahoma.....	117,598	40,046	107,899	30,664	-----	-----	2,438	2,160	7,034	6,841
Texas.....	1,971,051	272,302	1,929,335	226,712	-----	-----	3,119	654	36,343	42,749
MOUNTAIN:										
Montana.....	59,622	31,881	16,468	4,120	-----	-----	11,986	2,883	26,835	19,589
Idaho.....	24,958	17,318	500	370	505	50	1,120	284	22,340	16,194
Wyoming.....	5,520	8,798	-----	-----	-----	-----	-----	840	5,211	7,472
Colorado.....	313,396	164,141	177,618	134,163	109,251	-----	1,016	961	23,574	26,936
New Mexico.....	6,732	8,198	506	484	-----	-----	70	85	5,442	7,077
Arizona.....	7,550	12,093	-----	-----	-----	-----	1,921	2,009	5,335	9,751
Utah.....	31,914	16,525	5,402	812	8,636	2,859	-----	906	17,765	11,662
Nevada.....	1,534	3,930	836	1,698	-----	-----	-----	-----	152	892
PACIFIC:										
Washington.....	184,031	176,787	106,874	132,491	5,691	2,955	18,837	8,011	46,904	30,322
Oregon.....	30,760	28,794	9,502	3,548	394	284	969	1,860	19,330	22,288
California.....	253,248	294,791	112,358	149,080	6,054	14,178	37,804	29,269	92,771	98,152

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 135,203 pounds; for 1917, 129,029 pounds.

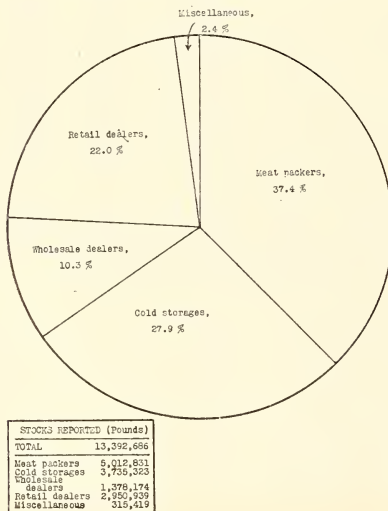
COMMERCIAL STOCKS OF MUTTON.

The commercial stocks of fresh, chilled and frozen mutton (including lamb and goat meat), as reported in the Food Survey of January 1, 1918, amounted to 13,392,686 pounds. Of these stocks, the meat packers held 37.4 per cent; the cold storages, 27.9 per cent; the wholesale dealers, 10.3 per cent; the retail dealers, 22.0 per cent; and a miscellaneous group of firms, 2.4 per cent. The commercial holdings of mutton in the hands of each of the classes of business firms reporting are shown in the first column of Table 13, while the relative holdings of the several classes are shown graphically in Diagram 13.

Table 13.—Stocks of mutton reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 13,392,686	Pounds. 10,939,785	91.6	Pounds. 11,940,191
Meat packers.....	5,012,831	4,794,641	92.9	5,162,346
Cold storages.....	3,735,323	2,483,346	105.1	2,363,778
Wholesale dealers.....	1,378,174	1,256,396	72.4	1,735,051
Meat and provision jobbers.....	1,444,471	1,069,085	70.7	1,511,542
Other wholesale dealers.....	233,703	187,311	83.8	223,509
Retail dealers.....	2,950,939	2,150,301	89.4	2,403,923
Retail meat markets.....	1,909,169	1,403,116	91.3	1,536,547
Other retail dealers.....	1,041,770	747,185	86.1	867,376
Miscellaneous.....	315,419	255,101	92.7	275,093

Diagram 13.—Distribution of Total Stocks of Mutton Reported for January 1, 1918.



The number of schedules received and tabulated for mutton is shown in Table 14.

Table 14.—Number of firms reporting mutton, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	31,638	21,711
Meat packers.....	874	759
Cold storages.....	80	58
Wholesale dealers.....	543	451
Meat and provision jobbers.....	400	335
Other wholesale dealers.....	143	116
Retail dealers.....	26,529	17,916
Retail meat markets.....	14,002	9,219
Other retail dealers.....	12,526	8,697
Miscellaneous.....	3,612	2,527

Geographic Distribution of Stocks Reported.

The commercial stocks of mutton reported from each geographic division and each state are shown, by classes of business, in Table 15. The Middle Atlantic division outranked all other divisions in holdings of mutton by a very considerable margin. The East North Central division ranked second, and the New England division third. Among the individual states, New York ranked first, Massachusetts second, and Illinois third. The stocks reported for each geographic division are represented in graphic form in Diagram 14 and the stocks of mutton reported for the eighteen most important states are similarly represented in Diagram 15.

Diagram 14.—Stocks of Mutton Reported for January 1, 1918, by Geographic Divisions.

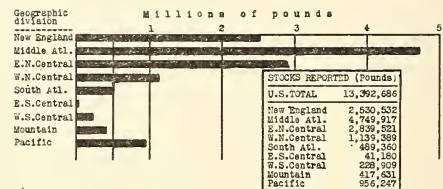
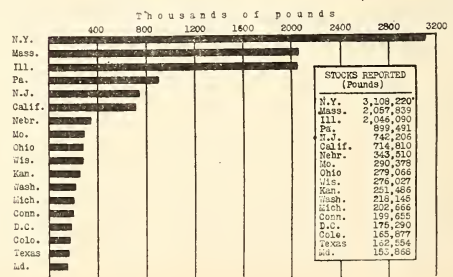


Diagram 15.—Stocks of Mutton Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

Nearly nine-tenths of the reports for mutton, based on the quantities reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures for the two dates, based on these two-year schedules, may be found in the last three columns of Table 13. From these figures it may be seen that each class of business concerns, with the exception of the cold storages, held considerably smaller quantities on the date of the Survey than they held one year earlier. The total commercial stocks on January 1, 1918, were equivalent to 91.6 per cent of the stocks on January 1, 1917. The relative holdings of fresh mutton on the two dates are shown graphically for the four main classes of business concerns in Diagram 16, and Table 16 gives comparative figures by geographic divisions and states.

DIAGRAM 16.—STOCKS OF MUTTON REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

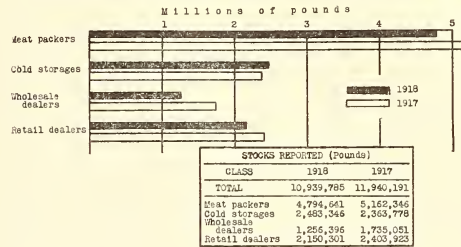


Table 15.—Stocks of mutton reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Cold storages.	WHOLESALE DEALERS.			RETAIL DEALERS.			Miscella- neous.
				Total.	Meat and provision jobbers.	Other wholesale dealers.	Total.	Retail meat markets.	Other retail dealers.	
United States.	Pounds. 13,392,686	Pounds. 5,012,831	Pounds. 3,735,323	Pounds. 1,378,174	Pounds. 1,144,471	Pounds. 233,703	Pounds. 2,950,939	Pounds. 1,909,169	Pounds. 1,041,770	Pounds. 315,419
GEOGRAPHIC DIVISIONS:										
New England:	2,530,332	627,955	905,689	462,502	405,857	56,645	484,498	120,303	364,195	49,888
Middle Atlantic:	4,749,917	1,063,322	1,748,408	384,789	303,930	78,859	1,397,768	1,122,583	275,185	155,030
East North Central:	2,839,521	1,328,308	804,033	207,179	190,707	16,472	469,609	279,334	190,275	30,332
West North Central:	1,139,389	890,479	65,482	48,756	8,616	40,140	117,685	70,540	47,145	16,987
South Atlantic:	489,360	89,274	162,294	96,714	95,301	1,413	123,901	58,379	65,526	17,173
East South Central:	41,180	11,794	8,318	1,112	1,112	—	14,823	8,796	6,037	5,133
West South Central:	228,909	162,094	23,645	21,455	645	20,810	12,212	4,068	5,505	—
Mountain:	417,631	188,871	1,482	105,443	102,280	3,165	105,869	58,826	47,043	15,964
Pacific:	956,247	650,674	15,972	50,222	34,023	16,199	220,572	178,296	42,276	18,807
NEW ENGLAND:										
Maine:	86,308	9,733	30,362	28,719	9,895	18,824	13,209	2,520	10,689	4,285
New Hampshire:	36,510	16,054	—	2,162	1,430	732	16,109	2,573	13,536	2,185
Vermont:	15,939	3,757	—	3,017	3,017	—	7,887	4,311	3,576	1,278
Massachusetts:	2,057,839	513,971	838,649	395,539	358,730	36,809	274,526	67,144	207,382	35,154
Rhode Island:	134,281	30,687	32,580	4,183	4,130	53	65,057	7,717	57,340	1,774
Connecticut:	199,655	53,753	4,098	28,882	28,655	227	107,710	36,038	71,672	5,212
MIDDLE ATLANTIC:										
New York:	3,108,220	560,009	1,241,435	277,142	217,281	59,861	923,222	807,785	115,437	106,412
New Jersey:	742,206	218,662	165,489	56,885	42,252	14,633	272,928	187,032	85,896	28,242
Pennsylvania:	899,491	284,651	341,484	50,762	46,397	4,365	201,618	127,766	73,852	20,976
EAST NORTH CENTRAL:										
Ohio:	279,066	73,716	84,415	14,765	10,670	4,095	99,800	78,797	21,003	6,370
Indiana:	35,672	8,042	520	794	660	134	24,001	4,312	19,689	2,315
Illinois:	2,046,080	1,131,753	523,306	132,407	121,338	11,069	244,661	123,571	121,290	13,963
Michigan:	202,666	73,495	10,470	57,568	37,259	309	55,496	33,920	21,576	3,737
Wisconsin:	276,027	41,362	185,422	1,645	780	865	45,651	38,934	6,717	1,947
WEST NORTH CENTRAL:										
Minnesota:	108,726	58,346	5,355	1,754	1,512	242	39,553	28,093	10,560	3,718
Iowa:	128,275	97,248	—	9,472	3,377	6,095	11,077	1,077	9,500	1,969
Missouri:	290,378	182,693	60,127	10,058	3,508	6,550	28,165	11,608	16,557	9,335
North Dakota:	10,071	1,302	—	202	—	—	7,799	5,604	2,195	768
South Dakota:	6,943	2,526	—	100	—	100	4,102	3,346	736	215
Nebraska:	343,510	302,796	—	27,170	219	26,951	12,706	5,782	6,924	838
Kansas:	251,486	245,568	—	—	—	—	5,774	4,040	1,734	144
SOUTH ATLANTIC:										
Delaware:	4,055	343	—	200	200	—	3,053	1,285	1,768	459
Maryland:	153,808	10,887	75,995	8,569	8,569	—	54,775	24,714	31,061	3,642
District of Columbia:	175,200	25,104	83,997	30,550	30,550	—	32,713	12,388	20,325	2,926
Virginia:	70,480	20,702	1,895	34,070	32,457	1,413	11,769	7,040	4,729	2,044
West Virginia:	8,812	3,538	—	—	—	—	4,165	1,972	2,193	1,109
North Carolina:	5,767	1,604	407	—	—	—	3,005	1,893	1,112	751
South Carolina:	4,235	1,000	—	—	—	—	2,857	2,560	297	378
Georgia:	8,704	2,446	—	—	—	—	4,777	2,771	2,006	1,481
Florida:	58,149	23,650	—	23,325	23,325	—	6,791	4,756	2,035	4,383
EAST SOUTH CENTRAL:										
Kentucky:	14,308	4,262	2,068	200	200	—	5,137	2,316	2,821	2,641
Tennessee:	19,483	4,968	6,250	912	912	—	6,287	4,376	1,911	1,066
Alabama:	5,078	1,878	—	—	—	—	2,064	960	1,104	1,178
Mississippi:	2,311	686	—	—	—	—	1,335	1,114	221	290
WEST SOUTH CENTRAL:										
Arkansas:	22,980	397	—	20,609	120	20,489	1,270	776	494	704
Louisiana:	13,285	4,455	2,592	69	69	—	4,933	3,404	1,200	1,200
Oklahoma:	30,090	4,833	21,053	387	387	—	3,321	2,360	961	476
Texas:	162,554	152,409	—	390	69	321	6,634	4,471	2,163	3,121
MOUNTAIN:										
Montana:	80,437	32,598	1,300	7,116	6,076	1,040	35,652	23,210	12,442	3,771
Idaho:	16,973	5,079	—	454	454	—	9,770	8,966	804	1,070
Wyoming:	6,807	537	—	305	305	—	5,297	2,870	2,418	608
Colorado:	165,877	131,294	—	1,239	1,154	85	26,318	8,202	18,116	7,026
New Mexico:	4,030	—	—	—	—	—	3,722	1,896	1,826	308
Arizona:	19,257	9,926	50	1,242	1,242	—	7,231	6,156	1,075	808
Utah:	112,282	2,676	132	93,049	93,049	—	12,235	5,404	9,831	1,390
Nevada:	11,968	6,161	—	2,040	—	2,040	2,644	2,113	531	1,123
PACIFIC:										
Washington:	218,145	163,419	12,288	8,725	7,192	1,623	28,403	21,603	6,800	5,310
Oregon:	23,292	5,382	173	535	485	50	16,492	15,191	1,301	710
California:	714,810	481,873	3,511	40,962	26,436	14,526	175,677	141,502	34,175	12,787

Table 16.—Comparative figures for mutton, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		COLD STORAGE.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds. 10,939,785	Pounds. 11,940,191	Pounds. 4,794,641	Pounds. 5,162,346	Pounds. 2,483,346	Pounds. 2,363,778	Pounds. 1,256,396	Pounds. 1,735,051	Pounds. 2,150,301	Pounds. 2,403,923
United States.....										
GEOGRAPHIC DIVISIONS:										
New England.....	1,574,833	1,835,315	574,310	537,868	149,669	199,051	446,444	666,218	367,715	395,495
Middle Atlantic.....	3,927,686	3,976,657	947,732	852,053	1,460,338	1,482,586	335,734	350,279	1,051,395	1,156,448
East North Central.....	2,448,161	2,279,871	1,303,308	1,247,896	600,665	438,817	202,032	184,782	316,546	375,777
West North Central.....	1,057,076	1,729,768	885,970	1,513,101	65,482	84,904	12,163	14,025	79,504	95,515
South Atlantic.....	415,342	288,097	80,255	62,204	160,399	88,783	89,732	46,520	73,343	77,818
East South Central.....	214,457	28,149	10,424	10,327	8,318	1,000	1,112	526	10,767	12,658
West South Central.....	219,215	215,431	161,611	104,845	23,945	45,207	21,380	52,409	8,932	10,050
Mountain.....	362,546	573,946	182,795	142,640	182	100	98,645	338,206	67,948	80,374
Pacific.....	900,469	1,012,557	648,236	691,412	14,648	23,330	49,154	82,086	174,151	199,488
NEW ENGLAND:										
Maine.....	79,604	69,483	8,923	12,604	30,362	20,960	28,552	17,384	9,581	13,962
New Hampshire.....	31,882	22,733	16,004	5,068			2,162	2,137	11,883	13,273
Vermont.....	12,959	10,899	3,757	410			3,017	2,670	5,072	6,330
Massachusetts.....	1,206,993	1,460,209	465,827	422,061	119,307	166,091	381,055	621,555	214,413	227,591
Rhode Island.....	88,856	87,580	30,647	24,853			2,803	7,624	54,111	53,963
Connecticut.....	154,539	184,411	49,152	72,872			12,000	28,855	14,848	72,655
MIDDLE ATLANTIC:										
New York.....	2,577,338	2,603,793	537,356	492,306	982,264	952,808	242,802	258,435	721,755	798,425
New Jersey.....	580,638	596,749	171,437	124,789	136,560	107,768	54,602	50,719	195,199	202,562
Pennsylvania.....	769,710	866,115	238,939	234,958	341,484	422,010	38,330	41,125	134,441	153,461
EAST NORTH CENTRAL:										
Ohio.....	199,157	245,649	69,973	98,255	40,574	39,750	14,282	16,220	68,859	86,938
Indiana.....	17,565	22,715	5,906	8,784			660	907	9,022	11,565
Illinois.....	1,838,189	1,623,886	1,114,105	1,002,063	413,184	294,067	129,063	120,201	169,688	186,836
Michigan.....	171,879	173,684	73,091	75,573			56,447	45,139	37,677	48,487
Wisconsin.....	221,371	213,937	40,233	63,221	146,907	105,000	1,580	2,315	31,300	41,951
WEST NORTH CENTRAL:										
Minnesota.....	94,275	206,296	56,519	153,049	5,355	3,000	1,608	3,071	27,804	34,971
Iowa.....	118,481	65,729	95,556	41,619			6,444	5,257	14,857	18,177
Missouri.....	272,677	294,980	182,675	178,901	60,127	81,904	3,836	4,963	17,827	21,116
North Dakota.....	6,734	5,001	1,302	128			202	532	4,970	4,111
South Dakota.....	4,278	4,621	1,612	1,441					2,614	3,093
Nebraska.....	310,957	779,719	302,776	770,104			73	202	7,424	8,656
Kansas.....	249,674	373,422	245,530	367,859					4,008	5,391
SOUTH ATLANTIC:										
Delaware.....	3,030	4,264	343	495			200	1,100	2,038	2,116
Maryland.....	107,397	60,412	3,178	12,146	75,995	17,006	1,747	1,740	23,400	26,962
District of Columbia.....	170,389	120,632	25,104	13,762	83,997	71,777	30,550	7,930	28,080	24,909
Virginia.....	62,617	48,092	20,024	11,582			34,070	23,149	6,957	10,770
West Virginia.....	6,304	5,852	3,086	1,543					2,394	3,277
North Carolina.....	4,399	4,932	1,424	1,675	407			300	2,060	1,983
South Carolina.....	1,843	2,530	1,000	1,800					660	548
Georgia.....	6,426	8,139	2,446	3,643					2,857	3,096
Florida.....	52,737	33,244	23,650	15,538			23,165	12,301	4,897	4,157
EAST SOUTH CENTRAL:										
Kentucky.....	12,934	9,249	4,216	896	2,068	1,000	200		4,247	5,582
Tennessee.....	16,944	12,985	4,020	6,774	6,250		912	526	5,025	4,974
Alabama.....	3,118	4,874	1,302	2,383					750	1,660
Mississippi.....	1,461	1,041	686	274					745	742
WEST SOUTH CENTRAL:										
Arkansas.....	21,959	52,484	397	290			20,699	50,903	618	925
Louisiana.....	10,111	15,587	4,024	9,517	2,592	2,498	69	274	2,609	2,505
Oklahoma.....	27,805	53,917	4,853	8,934	21,053	42,799	387	609	1,258	1,301
Texas.....	159,346	93,443	152,337	86,194			315	623	4,447	5,319
MOUNTAIN:										
Montana.....	55,916	66,356	31,930	46,034			3,415	3,120	17,754	14,155
Idaho.....	14,389	11,592	5,679	2,028			454	303	7,546	8,718
Wyoming.....	4,330	5,568		330			305	557	3,551	4,373
Colorado.....	156,868	110,683	130,358	67,947			1,139	7,663	18,696	28,690
New Mexico.....	2,545	3,827		78			11	2,310	11	3,579
Arizona.....	14,083	22,761	8,667	13,406			283	3,744	4,733	5,217
Utah.....	105,546	337,045					93,049	322,808	11,663	13,160
Nevada.....	8,867	16,084	6,161	12,817					1,693	2,482
PACIFIC:										
Washington.....	207,920	286,032	163,299	222,809	11,909	21,956	8,685	8,421	20,792	30,104
Oregon.....	17,893	26,765	4,064	6,629	173	237	285	3,178	12,882	15,907
California.....	674,656	700,160	480,873	461,974	2,566	1,137	40,184	70,487	140,477	153,477

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 255,101 pounds; for 1917, 275,093 pounds.

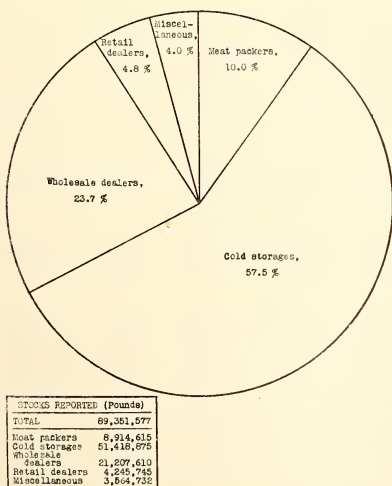
COMMERCIAL STOCKS OF DRESSED POULTRY AND GAME.

The commercial stocks of dressed poultry and game (fresh and frozen) reported in the Food Survey of January 1, 1918, amounted to 89,351,577 pounds. Of these stocks the cold storages held 57.5 per cent and the meat packers 10.0 per cent. The wholesale dealers held 23.7 per cent; the retail dealers, 4.8 per cent; and a miscellaneous group of concerns, 4.0 per cent. The holdings of each of the classes of business concerns reporting in the Survey are shown in the first column of Table 17, while the relative quantities held by the different classes are shown graphically in Diagram 17. The large relative holdings of the cold storages and the wholesale dealers are clearly brought out by the diagram, the combined sector for the holdings of these two groups covering more than four-fifths of the entire circle.

Table 17.—Stocks of dressed poultry reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total	Pounds. 89,351,577	Pounds. 72,596,440	54.2	Pounds. 133,855,995
Meat packers	8,914,615	8,443,637	52.1	16,197,048
Cold storages	51,418,875	40,393,288	46.1	87,533,088
Wholesale dealers	21,207,610	17,977,730	75.5	23,820,519
Wholesale dealers in butter, cheese, eggs, and poultry	16,905,834	14,653,635	78.5	18,670,199
Other wholesale dealers	4,301,776	3,324,095	64.5	5,150,320
Retail dealers	4,245,745	2,980,151	86.1	3,460,784
Retail meat markets	2,517,046	1,840,432	84.6	2,175,213
Other retail dealers	1,728,699	1,139,719	88.7	1,285,571
Miscellaneous	3,564,732	2,801,634	98.5	2,844,556

Diagram 17.—Distribution of Total Stocks of Dressed Poultry and Game Reported for January 1, 1918.



The number of schedules received and tabulated for dressed poultry and game is shown in Table 18.

Table 18.—Number of firms reporting dressed poultry, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	26,574	18,171
Meat packers	622	531
Cold storages	171	144
Wholesale dealers	1,623	1,178
Wholesale dealers in butter, cheese, eggs, and poultry	976	633
Other wholesale dealers	647	495
Retail dealers	19,335	12,991
Retail meat markets	10,010	6,608
Other retail dealers	9,325	6,383
Miscellaneous	4,823	3,327

Geographic Distribution of Stocks Reported.

The distribution of the commercial stocks of dressed poultry and game among the several geographic divisions and states is shown, by classes of business, in Table 19. From this table it may be seen that out of the total of 89,351,577 pounds reported for the country as a whole, 36,486,766 pounds, or nearly four-ninths of the total, was reported from the East North Central division. The Middle Atlantic division came second, with 24,972,710 pounds, and the West North Central division third, with a total of 14,481,976 pounds. Among the individual states, Illinois ranked first with total stocks more than twice as large as those of New York, the second state on the list. The stocks of dressed poultry and game are represented graphically by geographic divisions in Diagram 18, and the stocks of this commodity reported for the eighteen most important states are represented in similar form in Diagram 19.

Diagram 18.—Stocks of Dressed Poultry and Game Reported for January 1, 1918, by Geographic Divisions.

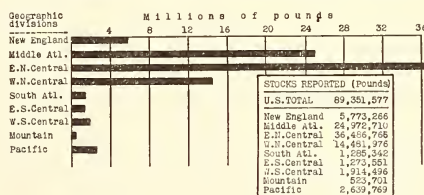
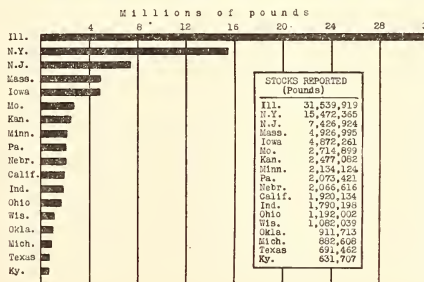


Diagram 19.—Stocks of Dressed Poultry and Game Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

The comparative figures, based on those reports which gave information for January 1, 1917, as well as for January 1, 1918 (about four-fifths of the total returns, on the basis of the quantity reported), are given in the last three columns of Table 17. From these figures it appears that there was a very marked decrease during the calendar year 1917 in the holdings of dressed poultry and game for nearly all classes of business concerns. The total stocks reported for the date of the Survey were equal to only 54.2 per cent of those on hand January 1, 1917. Comparative figures are shown for each class of business concerns, by geographic divisions and states, in Table 20, and the relative holdings on the two dates above mentioned are represented in graphic form in Diagram 20.

DIAGRAM 20.—STOCKS OF DRESSED POULTRY AND GAME REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

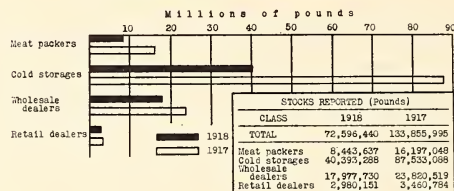


Table 19.—Stocks of dressed poultry reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Cold storages.	WHOLESALE DEALERS.			RETAIL DEALERS.			Miscellaneous.
				Total.	Wholesale dealers in butter, cheese, eggs, and poultry.	Other wholesale dealers.	Total.	Retail meat markets.	Other retail dealers.	
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States	89,351,577	8,914,615	51,418,875	21,207,610	16,995,834	4,301,776	4,245,745	2,517,046	1,728,699	3,564,732
GEOGRAPHIC DIVISIONS:										
New England	5,773,266	336,012	3,149,565	1,577,464	1,052,234	525,230	534,387	104,413	429,974	175,838
Middle Atlantic	24,972,710	746,688	17,032,598	4,795,010	3,633,394	1,161,616	1,983,970	1,535,862	448,108	414,444
East North Central	36,486,766	4,065,970	24,274,370	6,865,212	5,513,355	1,349,587	794,388	472,096	322,292	486,826
West North Central	14,481,976	2,475,000	3,991,910	5,880,382	5,215,278	665,104	541,343	222,464	318,879	1,593,341
South Atlantic	203,542	203,733	433,199	311,056	137,587	173,469	139,954	43,932	96,022	137,400
East South Central	1,273,551	41,873	463,009	237,353	186,062	50,903	32,153	8,585	23,568	495,951
West South Central	1,914,496	568,249	829,393	444,594	410,303	34,291	23,346	14,253	9,093	48,914
Mountain	523,701	39,988	122,161	201,996	83,870	118,126	94,451	58,306	36,145	65,105
Pacific	2,639,769	434,102	1,122,670	894,331	671,151	223,180	101,753	57,135	44,618	86,913
NEW ENGLAND:										
Maine	96,000	24,337	36,105	14,176	-----	14,176	13,693	1,795	11,898	7,689
New Hampshire	36,138	12,509	-----	3,918	500	3,418	15,809	1,198	14,611	3,902
Vermont	132,047	314	1,572	118,681	118,681	-----	7,032	3,149	3,883	4,448
Massachusetts	4,926,995	167,425	3,050,157	1,305,064	903,614	401,450	286,436	59,096	227,340	117,913
Rhode Island	228,304	45,302	43,394	46,599	28,439	18,160	81,099	9,061	71,438	11,910
Connecticut	353,782	86,125	18,337	59,026	1,000	88,026	130,318	29,514	100,804	29,976
MIDDLE ATLANTIC:										
New York	15,472,365	330,887	9,384,214	4,020,566	3,096,943	923,623	1,493,427	1,205,533	287,894	243,271
New Jersey	2,076,924	174,357	6,068,158	260,196	82,918	177,278	302,511	228,038	74,473	81,702
Pennsylvania	7,423,421	241,444	1,040,226	514,248	453,533	60,715	188,032	102,291	85,741	59,471
EAST NORTH CENTRAL:										
Ohio	1,192,002	119,839	527,862	416,740	297,858	118,882	93,107	62,143	30,964	34,454
Indiana	1,790,198	92	397,775	1,338,135	1,047,338	290,797	38,121	5,531	32,590	16,075
Illinois	31,559,919	3,386,834	22,618,291	4,821,383	3,919,849	901,534	356,922	214,628	136,294	362,469
Michigan	882,608	237,259	210,768	234,140	203,236	30,904	159,045	68,924	90,121	41,396
Wisconsin	1,082,039	321,926	519,674	54,814	47,074	7,740	153,193	120,870	32,323	32,432
WEST NORTH CENTRAL:										
Minnesota	2,134,124	207,022	977,887	528,206	506,042	22,164	153,231	128,660	24,571	267,778
Iowa	4,872,261	998,479	975,527	2,280,121	1,712,509	567,612	134,015	39,484	94,531	484,119
Missouri	2,714,899	440,216	914,576	1,137,816	1,072,908	64,908	176,932	15,938	160,994	45,359
North Dakota	111,550	151	2,050	59,391	39,174	20,217	31,714	16,044	15,670	18,244
South Dakota	105,444	216	87,747	87,747	87,747	-----	14,880	9,033	5,827	2,601
Nebraska	2,066,616	369,674	429,387	510,128	423,058	7,070	19,228	9,310	9,918	745,199
Kansas	2,477,982	459,242	699,483	1,276,973	1,273,662	3,311	11,343	3,975	7,368	30,041
SOUTH ATLANTIC:										
Delaware	53,768	399	-----	1,600	-----	1,600	6,041	1,783	4,258	45,728
Maryland	306,894	18,333	152,795	85,041	72,712	12,329	29,106	10,048	19,058	21,619
District of Columbia	402,050	43,091	215,829	47,233	37,734	9,519	32,577	17,592	14,985	63,300
Virginia	128,636	25,369	29,689	37,311	20,881	16,430	14,184	1,236	12,948	22,083
West Virginia	22,152	1,570	5,000	2,200	1,200	1,000	7,184	1,934	5,250	6,198
North Carolina	23,915	154	4,010	200	100	100	10,676	2,558	8,118	8,875
South Carolina	31,576	7,324	-----	-----	-----	-----	27,469	708	26,761	1,349
Georgia	65,262	-----	23,578	13,209	900	12,309	12,309	9,310	3,000	1,448
Florida	231,089	84,535	2,298	124,242	4,060	120,182	8,249	6,393	1,856	11,765
EAST SOUTH CENTRAL:										
Kentucky	631,707	2,196	47,397	91,196	63,786	27,410	16,972	1,106	15,866	473,946
Tennessee	590,939	25,408	463,221	142,026	118,626	23,412	11,037	6,123	4,909	16,205
Alabama	39,158	16,046	10,391	4,301	4,250	51	3,781	1,169	2,612	4,639
Mississippi	2,747	1,223	-----	-----	-----	-----	363	182	181	1,161
WEST SOUTH CENTRAL:										
Arkansas	106,609	1,055	-----	96,785	96,665	120	1,881	1,092	789	6,888
Louisiana	204,712	12,971	182,135	604	262	342	2,478	3,933	2,125	6,524
Oklahoma	911,713	351,577	498,788	45,035	40,393	4,642	13,133	9,193	3,940	3,180
Texas	691,462	202,646	148,470	302,170	272,983	29,187	5,854	3,615	2,239	32,322
MOUNTAIN:										
Montana	234,729	7,486	11,155	149,828	33,396	116,432	30,570	24,279	6,291	35,690
Idaho	20,170	300	-----	-----	-----	-----	16,337	7,468	8,869	3,533
Wyoming	7,707	1,640	-----	217	-----	217	3,937	2,253	1,684	1,913
Colorado	155,926	2,867	83,962	33,058	31,988	1,070	23,874	10,123	13,751	12,165
New Mexico	2,893	50	1,100	85	-----	85	5,329	1,681	3,648	1,174
Arizona	5,030	-----	-----	-----	-----	-----	2,028	1,681	3,707	1,767
Utah	86,780	19,662	25,944	18,708	18,486	222	14,790	11,763	3,027	7,676
Nevada	10,466	7,983	-----	100	-----	100	1,196	210	986	1,187
PACIFIC:										
Washington	610,638	120,900	178,378	228,843	91,652	137,191	48,967	36,042	12,925	33,550
Oregon	108,997	470	6,980	92,517	91,282	1,235	5,112	4,168	944	3,918
California	1,920,134	312,732	937,312	572,971	488,217	84,754	47,674	16,925	30,749	49,445

Table 20.—Comparative figures for dressed poultry, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		COLD STORAGES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States	Pounds. 72,596,440	Pounds. 133,855,995	Pounds. 8,443,637	Pounds. 16,197,048	Pounds. 40,393,288	Pounds. 87,533,088	Pounds. 17,977,730	Pounds. 23,820,519	Pounds. 2,980,151	Pounds. 3,460,784
GEOGRAPHIC DIVISIONS:										
New England	3,668,605	8,445,029	335,734	374,722	1,467,428	4,897,590	1,309,906	2,610,839	418,633	467,146
Middle Atlantic	22,635,121	42,614,686	636,203	704,873	16,805,632	36,135,299	3,425,863	3,870,738	1,409,281	1,484,041
East North Central	27,078,587	48,159,565	4,032,576	7,207,105	15,491,210	31,392,175	6,567,458	8,164,603	537,579	882,054
West North Central	12,145,119	24,071,280	2,202,798	4,908,927	3,718,168	10,462,883	4,764,799	7,019,324	370,021	384,317
South Atlantic	1,026,016	1,228,808	178,710	211,369	421,772	652,251	229,196	216,059	73,775	86,241
East South Central	1,168,689	960,737	34,038	22,952	438,055	343,983	183,237	156,687	25,479	28,664
West South Central	1,864,820	3,533,131	566,719	1,642,126	829,393	1,468,468	420,188	381,301	12,859	10,360
Mountain	431,662	1,387,178	24,907	302,951	111,006	573,843	192,512	407,406	54,956	53,706
Pacific	2,577,821	3,455,571	431,952	732,023	1,110,624	1,606,596	884,571	993,502	77,668	64,255
NEW ENGLAND:										
Maine	83,971	89,124	24,337	2,585	33,042	60,580	14,131	8,486	10,028	15,490
New Hampshire	29,771	64,009	12,433	20,615	-----	-----	3,918	26,387	10,821	12,095
Vermont	10,548	9,247	284	287	1,572	-----	-----	1,691	4,804	-----
Massachusetts	3,033,971	7,577,392	167,305	260,473	1,384,920	4,513,232	1,158,643	2,478,828	225,425	271,684
Rhode Island	206,996	469,692	45,302	26,128	43,394	319,258	46,008	50,665	61,781	63,529
Connecticut	303,348	235,565	86,073	64,634	4,500	4,500	87,206	46,373	105,887	99,544
MIDDLE ATLANTIC:										
New York	13,497,624	25,787,990	225,561	185,332	9,157,335	21,765,115	2,775,016	2,467,402	1,126,637	1,178,994
New Jersey	7,229,495	10,690,730	173,701	105,770	6,608,158	10,203,422	215,007	164,307	164,380	185,349
Pennsylvania	1,908,002	6,135,966	236,941	503,771	1,040,139	4,166,762	435,240	1,263,019	118,264	119,698
EAST NORTH CENTRAL:										
Ohio	1,114,431	1,992,973	117,730	207,015	527,862	1,293,289	377,790	391,202	63,311	77,361
Indiana	1,238,755	1,976,494	92	211	-----	-----	1,201,793	936,224	22,799	29,470
Illinois	22,990,383	42,438,177	3,384,665	5,952,540	14,232,906	29,071,883	4,740,980	6,421,129	288,696	591,643
Michigan	761,793	1,511,748	236,697	685,849	210,768	340,152	197,363	355,221	80,234	90,546
Wisconsin	973,225	1,240,173	293,392	361,490	519,674	686,851	49,532	60,827	82,839	93,214
WEST NORTH CENTRAL:										
Minnesota	1,935,244	5,542,621	206,895	598,802	977,887	3,709,230	360,364	879,143	127,583	136,552
Iowa	3,932,848	5,505,894	768,838	1,519,424	975,527	1,182,258	1,594,371	2,194,307	121,712	129,083
Missouri	2,422,684	5,928,250	410,193	959,176	912,956	3,761,502	979,619	1,102,292	79,138	69,274
North Dakota	87,436	128,580	151	-----	-----	-----	59,291	76,181	13,398	17,551
South Dakota	94,975	399,389	216	-----	-----	-----	87,747	386,690	10,381	10,840
Nebraska	1,489,405	3,195,610	369,563	778,237	422,387	1,096,090	416,329	815,680	12,887	13,913
Kansas	2,177,527	3,370,946	446,942	1,053,288	429,411	722,803	1,266,948	1,565,031	4,922	7,104
SOUTH ATLANTIC:										
Delaware	9,806	9,998	399	1,829	-----	-----	1,600	-----	4,993	6,011
Maryland	254,170	485,723	18,333	13,608	152,795	348,762	54,377	95,156	14,144	17,680
District of Columbia	362,670	354,180	43,091	42,864	215,829	246,827	14,928	13,781	29,090	34,409
Virginia	88,816	129,960	24,535	12,119	18,262	29,000	21,862	68,692	8,899	10,297
West Virginia	17,062	12,260	825	1,408	5,000	-----	1,200	1,000	5,000	5,791
North Carolina	14,063	35,225	27	331	4,010	24,025	100	500	2,586	4,006
South Carolina	3,326	1,067	1,952	-----	-----	-----	-----	-----	508	419
Georgia	54,376	28,624	5,754	10,405	23,578	2,599	11,563	6,327	1,369	1,546
Florida	221,727	171,771	83,794	128,805	2,298	1,038	123,566	30,603	6,786	6,082
EAST SOUTH CENTRAL:										
Kentucky	601,492	494,076	2,120	1,374	47,397	40,000	67,197	37,942	14,194	14,817
Tennessee	541,528	453,647	17,653	13,647	389,021	303,983	111,790	117,668	9,315	12,222
Alabama	23,993	12,318	13,183	7,931	1,637	-----	4,250	1,077	1,831	1,265
Mississippi	1,676	696	1,082	-----	-----	-----	-----	-----	139	360
WEST SOUTH CENTRAL:										
Arkansas	103,358	88,995	612	165	-----	-----	95,655	84,630	629	595
Louisiana	202,645	363,823	12,850	25,289	182,135	330,765	562	400	2,184	2,501
Oklahoma	892,850	1,938,932	351,286	847,914	498,788	1,074,222	33,787	8,876	7,272	2,980
Texas	665,967	1,141,381	201,962	768,758	148,470	63,481	290,184	287,395	2,774	4,284
MOUNTAIN:										
Montana	186,085	312,578	5,304	3,287	-----	-----	146,534	281,372	9,159	7,736
Idaho	9,424	3,541	-----	-----	-----	-----	-----	-----	7,889	7,219
Wyoming	3,568	3,541	-----	-----	-----	-----	-----	-----	2,901	2,396
Colorado	144,322	700,014	2,800	242,518	83,962	358,916	27,027	70,692	20,601	16,439
New Mexico	2,392	2,202	-----	-----	-----	-----	-----	-----	1,388	1,083
Arizona	3,375	3,957	50	-----	1,100	-----	26	46	1,021	2,879
Utah	79,069	353,808	16,695	57,084	25,944	214,927	18,708	55,251	12,301	15,001
Nevada	1,817	1,654	49	62	-----	-----	-----	-----	596	953
PACIFIC:										
Washington	592,201	561,228	120,615	207,545	173,035	83,798	228,843	215,764	41,271	31,985
Oregon	98,285	195,397	-----	504	277	1,155	92,475	187,938	2,555	3,214
California	1,887,335	2,698,946	311,337	523,974	937,312	1,521,643	563,253	589,800	33,842	29,056

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 2,801,634 pounds; for 1917, 2,844,556 pounds.

COMMERCIAL STOCKS OF LIVE POULTRY.

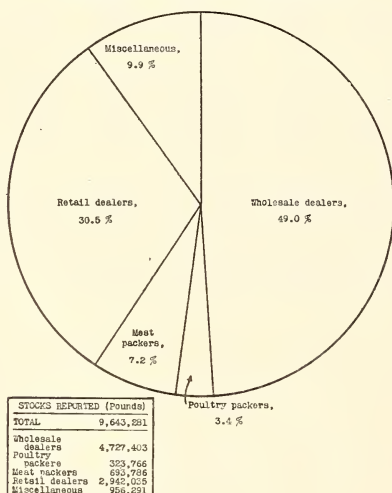
The commercial stocks of live poultry in the hands of dealers, as reported in the Food Survey of January 1, 1918, amounted to 9,643,281 pounds. Of this total the wholesale dealers held nearly one-half and the retail dealers upward of one-third. The poultry packers held only 3.4 per cent of the total and the general meat packers 7.2 per cent. The remainder, amounting to 9.9 per cent of the total, was held by a miscellaneous group of firms. The stocks reported by each of the above-mentioned classes of business concerns, as well as those reported by several subdivisions of the wholesale and retail classes, are shown in the first column of Table 21, while the relative importance of the stocks reported by the different groups of concerns is shown graphically in Diagram 21.

The number of schedules received and tabulated for live poultry is shown in Table 23.

Table 21.—Stocks of live poultry reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	Pounds.
Total.....	Pounds. 9,643,281	Pounds. 7,488,862	91.4	Pounds. 8,189,409
Wholesale dealers.....	4,727,403	4,107,967	100.4	4,091,695
Poultry shippers.....	653,843	594,839	121.0	491,605
Wholesale dealers, butter, etc.....	3,806,694	3,322,265	98.7	3,365,896
Other wholesale dealers.....	266,866	190,863	81.5	234,194
Poultry packers.....	323,766	273,663	68.4	399,873
Meat packers.....	693,786	681,347	148.7	458,331
Retail dealers.....	2,942,035	1,611,402	95.1	1,694,321
Retail meat markets.....	666,254	431,021	92.9	463,802
Other retail dealers.....	2,275,781	1,180,381	95.9	1,230,519
Miscellaneous.....	956,291	814,483	52.7	1,545,189

Diagram 21.—Distribution of Total Stocks of Live Poultry Reported for January 1, 1918.



Geographic Distribution and Comparative Figures.

The comparative stocks of live poultry, as shown by those reports that gave information for January 1, 1917, as well as for January 1, 1918, are given by classes of business, in the last three columns of Table 21, and also by geographic divisions and states, in Table 22. These figures indicate that the stocks of live poultry on the date of the Survey were equal to 91.4 per cent of those held on January 1, 1917.

Table 22.—Stocks of live poultry reported for January 1, 1918, with comparative figures for January 1, 1917, by geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.	
		1918 stocks.	1917 stocks.
United States.....	Pounds. 9,643,281	Pounds. 7,488,862	Pounds. 8,189,409
GEOGRAPHIC DIVISIONS:			
New England.....	103,359	81,775	100,085
Middle Atlantic.....	835,418	657,598	879,292
East North Central.....	2,007,736	2,133,340	2,070,936
West North Central.....	3,881,305	3,349,526	3,894,955
South Atlantic.....	322,893	221,724	224,201
East South Central.....	916,363	315,584	335,069
West South Central.....	552,771	401,349	391,702
Mountain.....	176,771	113,448	110,029
Pacific.....	246,665	214,518	183,140
NEW ENGLAND:			
Maine.....	12,577	9,562	8,101
New Hampshire.....	8,790	6,555	10,153
Vermont.....	4,829	4,478	4,818
Massachusetts.....	52,345	44,416	54,548
Rhode Island.....	4,470	3,307	4,872
Connecticut.....	18,038	13,163	16,393
MIDDLE ATLANTIC:			
New York.....	534,634	447,270	595,764
New Jersey.....	65,082	44,636	111,331
Pennsylvania.....	235,702	165,692	172,197
EAST NORTH CENTRAL:			
Ohio.....	470,260	358,251	305,390
Indiana.....	570,581	461,520	469,021
Illinois.....	1,326,636	1,129,571	1,043,581
Michigan.....	169,598	135,830	202,320
Wisconsin.....	70,661	48,168	50,624
WEST NORTH CENTRAL:			
Minnesota.....	549,457	522,495	1,124,488
Iowa.....	1,373,972	1,110,756	928,223
Missouri.....	912,429	770,327	764,203
North Dakota.....	16,315	9,517	9,517
South Dakota.....	51,888	37,314	31,626
Nebraska.....	398,919	359,443	309,541
Kansas.....	578,325	539,673	727,117
SOUTH ATLANTIC:			
Delaware.....	11,089	6,782	6,016
Maryland.....	59,928	52,494	45,868
District of Columbia.....	7,496	5,500	5,061
Virginia.....	85,384	59,179	59,759
West Virginia.....	51,823	32,464	33,897
North Carolina.....	39,263	25,310	25,759
South Carolina.....	8,046	4,240	15,966
Georgia.....	27,546	16,748	16,768
Florida.....	32,318	19,007	15,107
EAST SOUTH CENTRAL:			
Kentucky.....	180,296	143,018	182,565
Tennessee.....	674,086	133,685	121,550
Alabama.....	35,685	22,401	18,778
Mississippi.....	26,296	16,480	12,176
WEST SOUTH CENTRAL:			
Arkansas.....	99,637	81,276	69,226
Louisiana.....	16,245	9,467	12,117
Oklahoma.....	308,237	219,092	215,594
Texas.....	133,652	91,514	94,765
MOUNTAIN:			
Montana.....	30,154	19,891	30,614
Idaho.....	20,285	14,507	12,502
Wyoming.....	9,801	2,672	2,680
Colorado.....	86,368	58,849	46,317
New Mexico.....	10,647	5,883	4,222
Arizona.....	9,483	4,394	5,020
Utah.....	6,709	5,217	6,299
Nevada.....	3,324	2,035	2,375
PACIFIC:			
Washington.....	47,159	35,911	39,087
Oregon.....	24,187	15,938	20,462
California.....	175,319	162,669	123,591

Table 23.—Number of firms reporting live poultry, by classes of business.

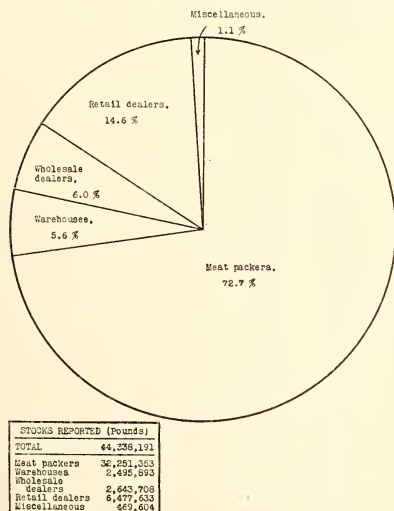
CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	22,106	14,225
Wholesale dealers.....	1,653	1,244
Poultry shippers.....	144	97
Wholesale dealers, butler, etc.....	1,292	946
Other wholesale dealers.....	287	201
Poultry packers.....	17	14
Meat packers.....	77	63
Retail dealers.....	19,398	12,360
Retail meat markets.....	3,885	2,311
Other retail dealers.....	15,513	10,049
Miscellaneous.....	961	544

COMMERCIAL STOCKS OF SALTED AND CURED BEEF.

The commercial stocks of salted and cured beef, including pickled, corned, dried, etc., as reported in the Food Survey of January 1, 1918, amounted to 44,338,191 pounds. Of this total the meat packers held 32,251,353 pounds, or 72.7 per cent. The warehouses held 5.6 per cent of the total; the wholesale dealers, 6.0 per cent; and the retail dealers, 14.6 per cent. The holdings reported by each of these classes of business concerns, as well as by several subdivisions of the wholesale and retail classes, are shown in the first column of Table 24, and the relative quantities reported by the main classes of business are shown graphically in Diagram 22.

The number of schedules received and tabulated for salted and cured beef is given in Table 25.

Diagram 22.—Distribution of Total Stocks of Salted and Cured Beef Reported for January 1, 1918.



Geographic Distribution of Stocks Reported.

The distribution of the stocks of salted and cured beef among the several geographic divisions and states is shown, by classes of business, in Table 26. From these figures it appears that the two

North Central geographic divisions together reported more than three-fifths of the total stocks of salted and cured beef in the entire country. Among the individual states, Illinois ranked first by a very wide margin, Kansas came second, New York third, Pennsylvania fourth, and Massachusetts fifth. The stocks of salted and cured beef reported for each of the nine geographic divisions of the country are shown graphically in Diagram 23, while the holdings reported for the eighteen most important states are similarly represented in Diagram 24.

Table 24.—Stocks of salted and cured beef reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
	Pounds.	Pounds.		Pounds.
Total.....	44,338,191	40,953,603	101.7	40,273,618
Meat packers.....	32,251,353	31,625,358	100.0	31,632,213
Warehouses.....	2,495,893	1,681,751	103.0	1,633,094
Wholesale dealers.....	2,643,708	2,435,849	131.1	1,858,105
Meat and provision jobbers.....	1,782,120	1,655,856	139.5	1,194,162
Other wholesale dealers.....	861,588	769,993	116.0	663,943
Retail dealers.....	6,477,633	4,842,534	100.3	4,829,609
Retail meat markets.....	3,264,450	2,491,488	100.9	2,468,561
Retail grocers.....	2,137,196	1,510,464	90.6	1,667,965
Other retail dealers.....	1,075,987	840,582	121.3	693,083
Miscellaneous.....	469,604	368,111	114.8	320,597

Table 25.—Number of firms reporting salted and cured beef, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	71,617	48,285
Meat packers.....	1,144	976
Warehouses.....	54	34
Wholesale dealers.....	1,221	903
Meat and provision jobbers.....	391	325
Other wholesale dealers.....	830	668
Retail dealers.....	65,653	43,916
Retail meat markets.....	15,631	10,124
Retail grocers.....	33,533	22,430
Other retail dealers.....	16,489	11,372
Miscellaneous.....	3,545	2,366

Diagram 23.—Stocks of Salted and Cured Beef Reported for January 1, 1918, by Geographic Divisions.

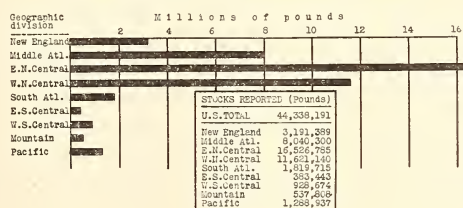
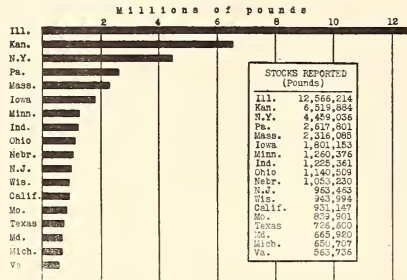


DIAGRAM 24.—STOCKS OF SALTED AND CURED BEEF REPORTED FOR THE EIGHTEEN MOST IMPORTANT STATES.



Comparative Figures for 1918 and 1917.

More than nine-tenths of the reports for salted and cured beef, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative figures based on these two-year reports may be found in the last three columns of Table 24. From these figures it appears that the stocks of this commodity on the date of the Survey varied but slightly from those of January 1, 1917. Only the stocks of the wholesale dealers show any appreciable increase, and since the holdings of this class of

Table 26.—Stocks of salted and cured beef reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Ware-houses.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscellaneous.
				Total.	Meat and provision jobbers.	Other wholesale dealers.	Total.	Retail meat markets.	Retail grocers.	Other retail dealers.	
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	44,338,191	32,251,353	2,495,893	2,643,708	1,782,120	861,588	6,477,633	3,264,450	2,137,196	1,075,987	469,604
GEOGRAPHIC DIVISIONS:											
New England.....	3,191,389	1,441,825	91,876	772,190	636,896	135,294	825,391	143,012	610,516	71,863	60,107
Middle Atlantic.....	8,040,300	3,699,355	1,276,761	909,920	670,598	239,322	1,965,951	1,254,284	548,929	162,738	188,313
East North Central.....	16,526,785	13,903,398	442,743	418,892	297,563	121,329	1,083,781	436,513	346,513	163,277	77,971
West North Central.....	11,621,140	10,498,237	450,594	57,523	36,563	20,960	586,952	324,883	149,525	112,544	27,834
South Atlantic.....	1,819,715	706,323	198,170	212,603	43,554	169,049	363,391	74,727	158,470	360,055	47,628
East South Central.....	383,413	145,882	33,666	77,813	12,342	65,471	119,094	32,918	37,574	48,202	6,088
West South Central.....	928,674	728,406	100	52,846	2,545	50,301	137,430	17,085	60,998	59,347	9,892
Mountain.....	537,808	289,858	100	42,690	9,716	32,974	191,637	76,733	57,170	57,734	13,523
Pacific.....	1,288,937	775,069	1,883	99,231	72,343	26,888	374,106	256,817	77,101	40,188	35,648
NEW ENGLAND:											
Maine.....	158,393	63,397	-----	35,347	5,176	30,171	55,015	3,831	33,905	17,279	4,634
New Hampshire.....	90,877	15,957	-----	8,824	1,437	7,387	48,301	4,036	24,608	19,657	17,795
Vermont.....	54,097	5,900	253	1,901	1,871	30	42,119	11,097	15,616	15,406	3,924
Massachusetts.....	2,316,085	1,150,428	75,191	690,242	601,601	88,641	376,624	60,853	304,650	11,121	23,600
Rhode Island.....	211,250	74,198	16,432	27,465	21,596	5,869	10,526	78,125	2,588	-----	1,016
Connecticut.....	360,687	131,945	-----	8,411	5,215	3,196	211,793	52,369	153,612	5,812	5,838
MIDDLE ATLANTIC:											
New York.....	4,459,036	1,867,579	517,801	732,307	577,816	154,491	1,236,525	897,941	272,584	66,000	104,824
New Jersey.....	963,463	570,612	52,771	36,026	10,410	25,616	323,762	137,903	94,238	10,091	4,708
Pennsylvania.....	2,617,801	1,260,864	696,185	137,687	73,372	64,315	486,664	218,740	182,107	85,817	36,401
EAST NORTH CENTRAL:											
Ohio.....	1,140,509	728,702	47,447	115,456	59,889	55,567	236,079	126,517	88,799	20,763	12,825
Indiana.....	1,225,361	710,473	24,149	21,899	2,280	19,619	480,040	46,204	46,204	7,137	4,893
Illinois.....	12,526,411	11,335,176	395,246	223,062	193,598	29,464	573,506	282,628	205,657	85,221	39,224
Michigan.....	650,707	354,373	-----	51,843	41,136	10,707	229,850	121,347	75,639	32,864	14,641
Wisconsin.....	943,994	774,868	50	4,382	-----	660	3,722	158,306	120,800	20,214	6,388
WEST NORTH CENTRAL:											
Minnesota.....	1,260,376	1,048,556	-----	8,513	3,757	4,756	194,910	152,405	22,889	19,616	8,397
Iowa.....	1,001,153	1,674,467	-----	5,037	4,229	808	117,332	62,742	28,538	26,052	4,317
Missouri.....	839,901	602,920	98,803	18,388	15,687	3,151	109,107	27,997	56,442	24,668	10,233
North Dakota.....	34,879	1,216	-----	1,260	329	931	31,134	19,738	4,885	6,511	1,269
South Dakota.....	111,717	82,668	-----	400	-----	400	27,392	16,227	3,113	8,052	1,357
Nebraska.....	1,053,230	624,881	351,791	12,603	12,603	42	26,112	20,688	17,050	15,364	1,843
Kansas.....	6,519,884	6,463,529	-----	10,872	-----	10,872	44,265	16,276	16,608	12,081	518
SOUTH ATLANTIC:											
Delaware.....	42,541	4,944	4,749	16,063	14,800	1,263	16,543	3,384	11,578	1,581	242
Maryland.....	665,920	422,332	143,500	33,578	11,902	21,676	61,636	16,313	25,024	19,219	4,854
District of Columbia.....	68,745	35,549	-----	4,981	2,698	2,283	26,893	12,712	13,720	461	1,322
Virginia.....	563,736	200,352	-----	47,960	5,879	42,081	296,840	21,441	32,269	243,130	18,584
West Virginia.....	78,495	9,712	-----	20,633	-----	20,633	47,075	4,387	16,132	26,556	1,075
North Carolina.....	74,416	14,276	-----	20,234	337	19,897	38,432	2,903	16,689	18,840	1,474
South Carolina.....	41,362	3,385	-----	6,513	-----	6,513	20,598	2,937	7,402	19,259	1,866
Georgia.....	120,791	39,682	1,200	35,924	35,924	42	42,545	5,533	18,891	18,121	1,440
Florida.....	163,709	36,091	48,721	26,717	7,938	18,779	33,709	4,617	16,165	12,927	18,471
EAST SOUTH CENTRAL:											
Kentucky.....	62,677	10,752	-----	9,963	-----	9,963	40,939	24,856	8,720	7,363	1,023
Tennessee.....	185,544	115,309	33,666	12,884	415	12,469	22,074	5,735	9,871	6,468	1,611
Alabama.....	78,887	13,220	-----	35,247	11,927	23,320	29,215	1,943	11,113	16,159	1,205
Mississippi.....	56,335	6,601	-----	19,719	-----	19,719	26,866	384	8,270	18,212	3,149
WEST SOUTH CENTRAL:											
Arkansas.....	30,039	880	-----	9,829	-----	9,829	17,592	1,013	6,276	10,303	1,738
Louisiana.....	94,938	34,574	-----	19,749	300	19,449	36,361	2,342	17,228	16,791	4,254
Oklahoma.....	77,097	36,596	-----	2,812	-----	2,812	36,218	6,291	17,128	12,799	1,471
Texas.....	726,600	656,356	100	20,456	2,245	18,211	47,259	7,439	20,366	19,454	2,429
MOUNTAIN:											
Montana.....	83,356	29,308	-----	5,730	3,768	1,962	42,340	23,529	9,739	9,072	5,978
Idaho.....	39,509	5,140	100	6,040	40	6,000	27,538	17,107	4,645	5,786	691
Wyoming.....	18,218	1,947	-----	4,630	940	3,690	11,385	2,445	2,578	6,362	256
Colorado.....	283,467	219,641	-----	6,318	2,430	6,318	53,476	17,426	24,653	11,307	1,692
New Mexico.....	17,316	-----	-----	1,631	-----	1,631	14,109	1,324	2,001	10,784	1,099
Arizona.....	18,652	2,867	-----	491	170	321	13,991	4,704	2,948	6,339	1,303
Utah.....	58,432	18,260	-----	15,132	2,368	12,764	24,058	8,190	9,160	6,708	982
Nevada.....	18,858	12,218	-----	288	-----	288	4,740	2,008	1,446	1,286	1,612
PACIFIC:											
Washington.....	235,815	111,310	1,283	7,000	5,552	1,448	103,721	77,643	15,528	10,550	12,501
Oregon.....	121,975	35,868	-----	16,115	14,762	1,353	67,546	51,351	8,335	7,860	2,446
California.....	931,147	630,891	600	76,116	52,029	24,087	202,839	127,823	53,238	21,778	20,701

dealers formed but a small part of the total on either date, the increase in wholesale stocks affected but slightly the total comparative figures. The stocks of all classes of business combined were 1.7 per cent larger than those on hand January 1, 1917. The relative stocks held on the two dates by the four main classes of business are represented in graphic form in Diagram 25. Comparative figures for geographic divisions and states are also given by classes of business in Table 27.

DIAGRAM 25.—STOCKS OF SALTED AND CURED BEEF REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

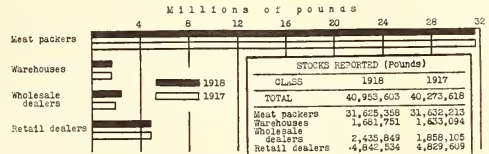


Table 27.—Comparative figures for salted and cured beef, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States	Pounds. 40,953,603	Pounds. 40,273,618	Pounds. 31,625,358	Pounds. 31,623,213	Pounds. 1,681,751	Pounds. 1,633,094	Pounds. 2,435,849	Pounds. 1,858,105	Pounds. 4,842,534	Pounds. 4,829,699
GEOGRAPHIC DIVISIONS:										
New England.....	2,828,344	2,366,160	1,378,586	1,233,558	18,422	17,188	760,783	395,734	619,494	662,170
Middle Atlantic.....	6,933,926	6,982,241	3,600,467	3,226,171	881,855	1,338,760	855,636	744,582	1,430,906	1,544,091
East North Central.....	15,451,200	14,081,146	13,594,883	12,744,872	130,027	51,889	323,906	261,380	1,338,515	908,401
West North Central.....	11,427,104	12,293,992	10,479,990	11,095,145	450,594	107,264	54,522	48,809	420,557	423,356
South Atlantic.....	1,584,478	1,084,052	721,381	487,171	198,170	109,407	193,377	196,712	449,463	273,717
East South Central.....	300,480	231,100	140,503	76,884	-----	-----	76,034	63,306	81,412	88,387
West South Central.....	853,268	1,033,984	726,994	891,689	100	-----	39,597	37,389	79,725	99,372
Mountain.....	396,430	1,161,283	217,739	633,282	100	-----	36,518	31,419	131,860	487,017
Pacific.....	1,178,283	1,039,660	704,815	643,441	1,883	8,536	95,476	78,774	290,602	282,438
NEW ENGLAND:										
Maine.....	139,120	123,780	61,747	31,198	-----	-----	34,747	37,983	39,262	52,999
New Hampshire.....	77,742	74,949	15,957	15,049	-----	-----	7,385	4,650	37,028	29,046
Vermont.....	43,123	45,605	5,900	5,914	253	55	1,701	2,648	31,798	33,407
Massachusetts.....	2,095,529	1,598,496	1,091,454	931,635	18,169	17,133	684,298	325,301	285,122	305,234
Rhode Island.....	171,054	176,360	74,198	77,719	-----	-----	25,588	19,430	69,952	77,370
Connecticut.....	298,776	346,970	129,330	172,043	-----	-----	7,064	5,722	156,332	163,574
MIDDLE ATLANTIC:										
New York.....	3,797,400	4,376,492	1,813,277	1,845,039	264,040	848,370	703,223	588,255	925,395	1,016,634
New Jersey.....	787,055	567,124	-----	331,814	32,376	-----	787,055	29,422	152,557	173,439
Pennsylvania.....	2,349,471	2,038,625	1,228,425	1,049,318	617,815	490,390	119,837	126,905	352,954	354,618
EAST NORTH CENTRAL:										
Ohio.....	1,022,600	1,141,782	687,381	880,165	39,262	4,124	109,623	66,420	174,621	181,299
Indiana.....	1,177,355	960,588	704,329	882,480	18,855	-----	16,604	16,604	451,463	57,675
Illinois.....	11,961,812	10,499,882	11,256,553	9,888,788	91,315	40,215	139,919	117,513	437,072	422,604
Michigan.....	498,066	712,623	279,781	467,400	-----	7,500	51,152	52,469	159,123	178,530
Wisconsin.....	791,457	766,271	666,839	626,039	50	50	4,357	8,374	116,236	128,353
WEST NORTH CENTRAL:										
Minnesota.....	1,203,791	1,028,321	1,041,580	881,394	-----	-----	7,425	5,654	147,752	134,239
Iowa.....	1,763,384	914,793	1,671,202	814,263	-----	-----	4,382	3,987	84,977	95,040
Missouri.....	797,546	989,063	594,680	781,576	98,803	107,264	18,773	17,015	75,877	77,422
North Dakota.....	21,313	25,617	1,216	2,392	-----	-----	1,260	1,407	18,216	20,973
South Dakota.....	102,362	87,801	82,668	67,380	-----	-----	100	-----	19,187	19,990
Nebraska.....	1,032,737	1,244,226	624,873	1,186,201	351,791	-----	11,712	14,424	43,019	42,459
Kansas.....	6,506,171	8,003,271	6,463,501	7,961,939	-----	-----	10,570	6,322	31,429	33,233
SOUTH ATLANTIC:										
Delaware.....	36,007	50,469	4,816	4,154	4,749	3,136	15,625	24,432	10,690	18,654
Maryland.....	629,975	408,425	415,676	283,519	143,500	38,621	31,443	41,436	35,877	42,173
District of Columbia.....	62,034	37,720	35,549	8,729	-----	-----	3,371	3,564	21,805	24,543
Virginia.....	498,193	218,207	182,257	128,869	-----	-----	43,848	30,126	260,648	58,350
West Virginia.....	58,036	39,608	6,646	9,631	-----	-----	20,453	17,059	30,224	32,398
North Carolina.....	51,639	48,369	10,690	6,024	-----	-----	16,445	16,133	23,862	25,584
South Carolina.....	28,392	25,875	3,175	4,700	-----	-----	5,823	2,738	18,988	17,855
Georgia.....	90,863	84,611	26,481	12,765	1,200	-----	35,007	42,389	27,180	28,537
Florida.....	129,334	150,765	36,091	33,780	48,721	67,650	21,362	18,835	20,279	25,623
EAST SOUTH CENTRAL:										
Kentucky.....	54,057	52,292	10,752	10,163	-----	-----	9,867	6,641	32,670	34,730
Tennessee.....	136,052	74,234	110,102	48,744	-----	-----	11,465	9,484	13,479	14,924
Alabama.....	65,701	64,496	13,048	11,287	-----	-----	35,111	35,171	16,976	17,628
Mississippi.....	44,670	40,078	6,601	6,690	-----	-----	19,588	12,010	18,287	21,105
WEST SOUTH CENTRAL:										
Arkansas.....	15,830	16,027	459	561	-----	-----	4,302	3,536	10,132	11,011
Louisiana.....	74,272	74,828	34,454	31,652	-----	-----	15,973	14,235	20,360	25,951
Oklahoma.....	57,037	27,081	36,373	2,519	-----	-----	1,177	1,494	18,470	23,969
Texas.....	706,129	915,448	655,708	856,957	100	-----	18,145	18,124	30,763	39,341
MOUNTAIN:										
Montana.....	42,484	398,361	10,075	7,596	-----	-----	4,161	4,643	24,330	381,165
Idaho.....	31,323	17,259	3,122	1,296	100	50	4,640	3,320	19,656	15,363
Wyoming.....	14,300	11,736	1,775	-----	-----	-----	4,630	3,100	7,770	8,447
Colorado.....	216,532	141,399	171,523	97,481	-----	-----	4,706	3,583	38,891	39,118
New Mexico.....	13,723	7,705	477	436	-----	-----	1,521	1,380	10,628	4,793
Arizona.....	12,072	14,177	1,227	317	-----	-----	40	131	9,705	13,388
Utah.....	49,235	548,182	15,322	507,545	-----	-----	15,132	18,262	17,897	21,590
Nevada.....	16,761	22,464	12,218	18,611	-----	-----	288	-----	2,983	3,153
PACIFIC:										
Washington.....	204,558	156,344	107,769	87,126	1,283	686	5,217	6,817	81,287	52,446
Oregon.....	101,983	55,934	34,686	15,931	-----	-----	7,640	6,786	50,619	54,570
California.....	871,742	797,382	622,360	540,394	600	210	75,183	65,171	158,696	175,422

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 368,111 pounds; for 1917, 320,597 pounds.

COMMERCIAL STOCKS OF CURED HAMs, BACON AND SHOULDERS.

The commercial stocks of cured hams, bacon and shoulders (sweet-pickled, dry-salted or smoked), as reported in the Food Survey of January 1, 1918, amounted to 393,205,383 pounds. Of this total the meat packers held 329,236,439 pounds, or 83.7 per cent. The cold storages held only 1.8 per cent of the total; the wholesale dealers, 2.9 per cent; the retail dealers, 6.3 per cent; and a miscellaneous group of concerns, 5.3 per cent. The stocks held by each of the classes of business concerns reporting this commodity are shown in the first column of Table 28, and the relative quantities reported by the different classes are represented graphically in Diagram 26.

The number of schedules received and tabulated for hams, bacon and shoulders is shown in Table 29.

Table 28.—Stocks of ham and bacon reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 393,205,383	Pounds. 361,655,675	87.0	Pounds. 415,798,172
Meat packers.....	329,236,439	324,976,679	87.3	372,073,543
Cold storages.....	7,242,669	6,455,043	75.0	8,608,213
Wholesale dealers.....	11,271,726	9,648,936	77.5	12,454,770
Meat and provision jobbers.....	8,356,366	7,013,491	75.9	9,234,849
Wholesale grocers.....	2,564,360	2,331,300	79.3	2,938,682
Other wholesale dealers.....	351,100	304,145	108.1	281,239
Retail dealers.....	24,613,003	18,071,977	88.9	20,336,442
Retail meat markets.....	7,756,043	5,994,928	86.8	6,909,895
Retail grocers.....	8,712,886	6,457,838	91.9	7,028,416
Other retail dealers.....	8,144,074	5,619,211	87.8	6,398,131
Miscellaneous*.....	20,841,546	2,503,040	107.6	2,325,204

* The miscellaneous class includes U. S. Army Commissaries, which reported considerable stocks for January 1, 1918.

Diagram 26.—Distribution of Total Stocks of Cured Hams, Bacon and Shoulders Reported for January 1, 1918.

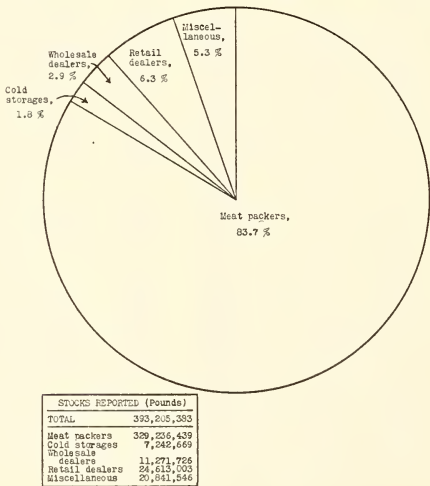


Table 29.—Number of firms reporting hams and bacon, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	156,740	110,535
Meat packers.....	1,707	1,545
Cold storages.....	108	80
Wholesale dealers.....	2,239	1,872
Meat and provision jobbers.....	553	474
Wholesale grocers.....	1,425	1,237
Other wholesale dealers.....	261	161
Retail dealers.....	143,110	100,560
Retail meat markets.....	22,714	14,789
Retail grocers.....	76,877	53,653
Other retail dealers.....	43,519	32,118
Miscellaneous.....	9,576	6,478

Geographic Distribution of Stocks Reported.

The distribution of the stocks of hams, bacon and shoulders among the several geographic divisions and states is shown, by classes of business, in Table 30. Nearly 266,000,000 pounds, or more than two-thirds of the total commercial holdings of hams, bacon and shoulders in the United States, were reported from the two North Central geographic divisions, the stocks of the East North Central division exceeding those of the West North Central by only about 9,000,000 pounds. Among the individual states, Illinois ranked first, Missouri second, Kansas third, and Iowa fourth. In the case of each of these states the bulk of the commercial holdings reported were in the hands of the meat packers. The stocks of cured hams, bacon and shoulders reported for the geographic divisions are represented graphically in Diagram 27, and those reported for the eighteen most important states are similarly represented in Diagram 28.

Diagram 27.—Stocks of Hams, Bacon and Shoulders Reported for January 1, 1918, by Geographic Divisions.

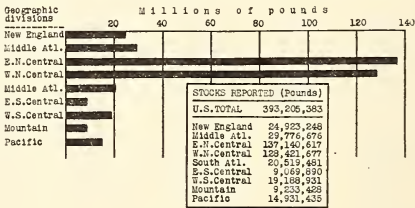
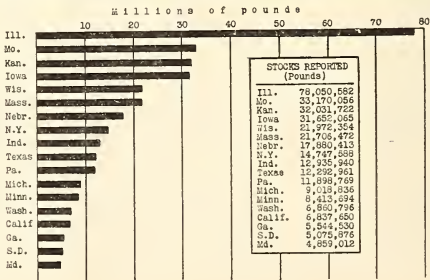


Diagram 28.—Stocks of Cured Hams, Bacon and Shoulders Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

The comparative commercial holdings of hams, bacon and shoulders, based on the reports that gave information for January 1, 1917, as well as for January 1, 1918 (more than nine-tenths of the total returns, on the basis of the quantity reported), are shown in the last three columns of Table 28. From these figures it appears there was a noticeable decrease in the stocks of this commodity on hand on the date of the Survey as compared with those on the earlier date. The decrease is shown by practically all classes of business, and was fairly uniform among the different groups of concerns reporting. The total stocks on the date of the Survey were equal to 87.0 per cent of those on hand one year earlier. Comparative figures for geographic divisions and states are shown, by classes of business, in Table 31, while the relative holdings of the more important classes of firms on the two dates are represented graphically in Diagram 29.

DIAGRAM 29.—STOCKS OF CURED HAMS, BACON AND SHOULDERS REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

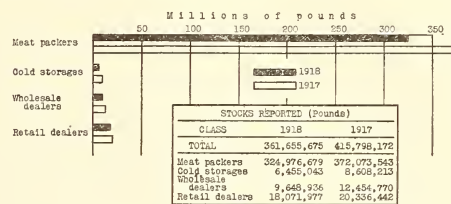


Table 30.—Stocks of ham and bacon reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Storage warehouses.	WHOLESALE DEALERS.				RETAIL DEALERS.				Miscellaneous.
				Total.	Meat and provision jobbers.	Wholesale grocers.	Other wholesale dealers.	Total.	Retail meat markets.	Retail grocers.	Other retail dealers.	
United States.....	Pounds. 393,205,383.	Pounds. 329,236,439.	Pounds. 7,242,669.	Pounds. 11,271,726.	Pounds. 8,356,266.	Pounds. 2,564,360.	Pounds. 351,100.	Pounds. 24,613,003.	Pounds. 7,756,043.	Pounds. 8,712,886.	Pounds. 8,154,074.	Pounds. 20,841,546.
GEOGRAPHIC DIVISIONS:												
New England.....	24,923,248.	19,272,864.	71,371.	2,700,557.	2,540,880.	150,222.	9,455.	1,582,131.	266,423.	1,200,413.	115,295.	1,296,325.
Middle Atlantic.....	29,776,676.	21,499,093.	1,060,940.	2,096,614.	1,737,758.	302,547.	56,309.	4,399,409.	2,637,463.	1,190,107.	571,839.	720,620.
East North Central.....	137,140,617.	125,434,033.	999,198.	2,224,795.	1,830,037.	368,706.	26,052.	4,301,653.	1,802,969.	1,700,686.	707,998.	4,180,938.
West North Central.....	128,421,677.	116,163,159.	3,297,909.	204,614.	126,158.	56,595.	21,861.	2,311,121.	845,386.	861,443.	604,292.	6,444,874.
South Atlantic.....	20,519,481.	11,729,950.	736,477.	1,722,220.	848,033.	729,050.	145,137.	4,109,389.	376,561.	1,850,814.	2,551,714.	2,221,445.
East South Central.....	9,060,890.	5,150,937.	60,282.	887,775.	496,630.	343,452.	49,693.	2,008,000.	269,237.	685,800.	1,142,963.	870,806.
West South Central.....	19,188,931.	13,012,886.	189,740.	517,521.	224,181.	288,310.	5,030.	2,133,350.	130,021.	910,507.	1,092,822.	3,335,434.
Mountain.....	9,233,428.	6,821,561.	69,080.	323,285.	176,784.	113,301.	33,200.	1,744,627.	487,643.	439,123.	817,861.	274,875.
Pacific.....	14,931,435.	10,151,956.	757,672.	592,343.	375,805.	212,177.	4,363.	1,933,323.	940,040.	453,993.	539,290.	1,496,139.
NEW ENGLAND:												
Maine.....	418,883.	192,097.	27,794.	52,073.	40,701.	11,372.	-----.	101,715.	10,266.	67,154.	24,295.	45,204.
New Hampshire.....	178,502.	53,804.	-----.	42,579.	6,527.	35,412.	-----.	72,534.	11,636.	53,596.	7,302.	9,585.
Vermont.....	84,506.	7,525.	2,113.	6,016.	5,916.	-----.	640.	57,512.	21,405.	28,923.	7,184.	11,340.
Massachusetts.....	21,706,472.	17,184,466.	40,369.	2,389,211.	2,287,094.	94,810.	7,307.	885,599.	126,320.	736,859.	22,420.	1,206,827.
Rhode Island.....	506,511.	199,754.	1,095.	177,349.	169,693.	7,450.	200.	182,857.	36,400.	104,571.	41,886.	5,456.
Connecticut.....	1,968,374.	1,635,218.	-----.	33,329.	30,949.	1,172.	1,208.	281,914.	60,936.	209,310.	12,208.	17,913.
MIDDLE ATLANTIC:												
New York.....	14,747,588.	10,480,509.	576,154.	1,510,650.	1,249,309.	215,154.	46,187.	1,678,332.	1,147,873.	419,031.	111,428.	501,943.
New Jersey.....	3,130,319.	2,358,141.	126,087.	155,660.	138,963.	13,568.	3,129.	419,524.	179,291.	178,796.	61,437.	79,907.
Pennsylvania.....	11,998,769.	8,660,443.	358,699.	430,304.	349,486.	73,825.	6,993.	2,301,553.	1,310,299.	592,280.	398,974.	147,770.
EAST NORTH CENTRAL:												
Ohio.....	-----.	12,859,655.	25,300.	998,633.	731,843.	259,949.	6,841.	1,188,665.	520,349.	456,506.	211,810.	90,652.
Indiana.....	12,936,940.	12,122,343.	-----.	131,973.	79,917.	44,946.	7,110.	639,324.	226,949.	311,323.	101,052.	42,300.
Illinois.....	78,050,882.	71,287,274.	495,575.	950,033.	898,421.	46,345.	5,267.	1,426,813.	438,617.	748,505.	239,691.	3,800,889.
Michigan.....	9,018,836.	8,111,303.	8,981.	138,863.	117,026.	15,219.	6,618.	624,240.	336,431.	198,049.	89,760.	135,449.
Wisconsin.....	21,972,354.	21,053,458.	469,344.	5,293.	2,830.	2,247.	216.	422,611.	280,623.	76,303.	65,685.	21,648.
WEST NORTH CENTRAL:												
Minnesota.....	8,413,694.	7,625,036.	237,271.	74,950.	32,374.	24,147.	18,429.	388,944.	237,898.	83,352.	67,694.	87,493.
Iowa.....	31,652,065.	30,655,474.	-----.	48,628.	38,557.	7,994.	2,077.	453,025.	198,855.	183,041.	71,129.	494,938.
Missouri.....	33,170,056.	29,602,758.	2,822,116.	36,586.	16,798.	19,281.	507.	626,345.	114,679.	315,809.	195,857.	82,251.
North Dakota.....	197,851.	43,446.	200.	3,492.	3,263.	229.	-----.	132,050.	68,384.	27,117.	36,549.	18,663.
South Dakota.....	5,075,576.	4,847,899.	-----.	1,450.	-----.	777.	673.	122,282.	53,470.	20,554.	48,258.	104,245.
Nebraska.....	17,880,413.	12,337,455.	60,150.	35,997.	35,166.	706.	125.	232,058.	88,102.	84,490.	59,466.	5,214,753.
Kansas.....	32,031,722.	31,051,091.	178,172.	3,511.	-----.	3,461.	50.	356,417.	83,998.	147,080.	123,339.	442,531.
SOUTH ATLANTIC:												
Delaware.....	156,251.	33,297.	5,698.	50,600.	50,275.	125.	200.	59,610.	34,434.	17,504.	7,672.	7,046.
Arkansas.....	4,850,012.	3,148,299.	135,500.	449,071.	390,051.	57,514.	1,476.	356,706.	92,499.	167,855.	96,352.	769,136.
District of Columbia.....	646,820.	398,122.	12,250.	27,502.	24,333.	1,975.	694.	183,145.	72,461.	108,487.	2,197.	2,810.
Virginia.....	3,675,643.	2,416,871.	-----.	212,039.	65,448.	101,618.	44,973.	948,319.	64,294.	225,204.	658,911.	98,414.
West Virginia.....	1,827,820.	1,036,881.	6,582.	143,298.	-----.	141,926.	1,372.	603,578.	46,329.	140,957.	416,292.	37,481.
North Carolina.....	989,916.	301,624.	625.	82,479.	3,511.	78,302.	666.	545,795.	12,293.	122,932.	410,570.	59,393.
South Carolina.....	1,121,464.	119,442.	-----.	142,408.	2,640.	116,805.	22,963.	629,078.	12,163.	118,176.	498,739.	230,536.
Georgia.....	5,544,530.	3,551,547.	274,639.	359,644.	222,575.	99,425.	23,311.	345,641.	23,311.	171,755.	242,755.	921,059.
Florida.....	1,698,016.	723,867.	300,883.	255,179.	87,700.	131,330.	36,149.	345,517.	19,167.	107,944.	218,406.	72,570.
EAST SOUTH CENTRAL:												
Kentucky.....	2,664,385.	1,208,529.	3,718.	553,243.	429,815.	112,688.	10,740.	595,689.	47,897.	268,762.	278,030.	308,206.
Tennessee.....	2,740,862.	1,779,233.	56,514.	123,387.	123,387.	15,030.	161,343.	121,581.	22,678.	220,678.	201,090.	108,379.
Alabama.....	3,018,368.	2,166,472.	-----.	62,355.	21,848.	16,637.	23,873.	590,839.	22,409.	120,108.	248,322.	198,669.
Mississippi.....	646,275.	1,703.	50.	90,787.	-----.	90,737.	50.	298,123.	7,350.	75,252.	215,521.	255,612.
WEST SOUTH CENTRAL:												
Louisiana.....	865,570.	236,205.	-----.	63,713.	28,392.	34,017.	1,304.	358,460.	16,926.	109,970.	231,573.	207,183.
Oklahoma.....	1,975,642.	1,081,802.	161,346.	210,847.	88,786.	121,851.	210.	372,680.	3,570.	129,383.	239,727.	148,967.
Oklahoma.....	4,054,758.	3,324,537.	-----.	37,303.	29,152.	5,216.	2,935.	479,395.	51,737.	241,589.	186,069.	213,523.
Texas.....	12,292,961.	8,370,342.	28,394.	205,658.	77,851.	127,226.	581.	922,860.	57,788.	429,565.	435,453.	2,765,761.
MOUNTAIN:												
Montana.....	1,115,707.	578,122.	1,345.	62,551.	51,195.	11,356.	-----.	396,946.	137,534.	88,351.	171,061.	76,743.
Idaho.....	613,717.	250,406.	2,200.	56,205.	49,237.	6,768.	200.	293,672.	166,821.	40,734.	86,117.	11,234.
Wyoming.....	242,186.	46,513.	-----.	34,337.	31,542.	2,795.	-----.	149,203.	22,389.	21,248.	105,566.	12,133.
Colorado.....	4,673,206.	4,207,702.	53,345.	35,578.	29,805.	5,768.	5.	350,612.	72,469.	166,631.	111,512.	25,993.
New Mexico.....	261,437.	34,450.	-----.	29,474.	29,474.	-----.	-----.	145,385.	25,408.	22,154.	97,823.	52,148.
Arizona.....	357,545.	178,806.	2,300.	22,575.	7,591.	15,127.	450.	151,527.	24,853.	24,853.	102,082.	68,038.
Utah.....	1,626,107.	1,355,517.	9,800.	62,631.	7,414.	22,672.	32,545.	181,910.	33,692.	55,219.	92,999.	16,249.
Nevada.....	343,203.	243,045.	-----.	11,325.	-----.	11,325.	-----.	75,372.	4,477.	20,194.	50,701.	13,461.
PACIFIC:												
Washington.....	6,860,796.	4,820,260.	280,213.	139,793.	130,686.	8,745.	362.	656,537.	352,815.	96,220.	207,502.	963,984.
Oregon.....	1,232,989.	467,612.	-----.	186,914.	140,419.	43,832.	2,663.	529,338.	351,478.	58,929.	118,931.	49,125.
California.....	6,837,650.	4,864,075.	477,459.	265,638.	104,700.	159,600.	1,338.	747,448.	235,747.	298,844.	212,857.	483,030.

Table 31.—Comparative figures for ham and bacon, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		STORAGE WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.		1917.		1918.		1917.		1918.	
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	361,655,675	415,798,172	324,976,679	372,073,543	6,455,043	8,608,213	9,648,936	12,454,770	18,071,977	20,336,442
GEOGRAPHIC DIVISIONS:										
New England.....	23,892,257	29,699,025	19,144,677	24,257,438	54,751	53,921	2,678,506	3,701,388	1,255,466	1,000,527
Middle Atlantic.....	27,303,805	36,905,605	20,719,016	27,942,457	800,964	2,003,049	2,493,303	3,424,068	4,062,804	4,624,864
East North Central.....	129,802,026	139,126,601	123,941,950	130,842,948	952,834	2,548,690	1,414,047	1,854,433	3,239,948	3,626,626
West North Central.....	120,845,702	143,215,256	115,924,493	138,481,777	2,862,621	2,371,200	185,249	183,708	1,628,792	2,011,587
South Atlantic.....	16,683,181	18,983,794	11,357,779	13,367,098	729,895	686,423	1,006,228	1,716,661	2,659,257	2,865,308
East South Central.....	7,190,331	8,110,603	4,964,741	5,689,371	60,282	53,300	503,382	599,162	1,491,194	1,644,958
West South Central.....	15,183,088	18,002,867	12,945,972	15,121,673	117,581	123,691	507,866	920,004	1,518,075	1,751,691
Mountain.....	7,899,112	7,740,666	6,110,596	5,734,066	50,580	46,131	273,733	352,869	1,323,830	1,481,133
Pacific.....	12,854,173	14,011,755	9,867,455	10,635,715	735,535	718,908	584,342	633,242	1,531,407	1,891,748
NEW ENGLAND:										
Maine.....	352,479	499,800	192,007	308,401	27,794	15,380	51,269	79,248	70,686	99,611
New Hampshire.....	152,358	164,042	53,604	71,607	—	—	41,630	23,588	52,675	64,445
Vermont.....	64,826	82,526	7,525	6,929	2,113	1,553	6,016	9,750	45,755	60,763
Massachusetts.....	20,977,420	25,784,572	17,091,429	21,241,731	24,844	36,988	2,375,275	3,406,315	763,524	447,358
Rhode Island.....	445,950	474,022	165,054	206,408	—	—	171,423	153,425	105,549	108,542
Connecticut.....	1,899,224	2,693,973	1,634,908	2,422,362	—	—	32,893	29,062	217,257	228,808
MIDDLE ATLANTIC:										
New York.....	13,857,668	18,125,089	10,358,723	12,893,031	554,754	1,482,191	1,402,792	1,919,292	1,327,251	1,577,250
New Jersey.....	2,830,239	2,830,512	2,105,673	2,240,693	18,302	33,612	152,159	192,159	252,349	292,361
Pennsylvania.....	10,865,898	15,950,004	8,254,620	12,809,733	317,908	490,146	340,632	362,224	1,843,908	2,193,253
EAST NORTH CENTRAL:										
Ohio.....	13,657,543	17,220,765	11,755,628	14,901,152	25,140	51,340	984,817	1,267,555	819,715	933,819
Indiana.....	12,765,747	16,816,003	12,112,929	16,031,376	117,448	—	135,293	497,382	614,344	614,344
Illinois.....	73,160,097	74,259,241	71,274,393	71,012,596	458,350	1,747,200	173,863	259,630	1,156,723	1,139,786
Michigan.....	8,699,841	8,136,857	8,094,702	7,388,285	—	—	133,811	186,644	442,139	556,269
Wisconsin.....	21,518,798	22,673,735	20,704,298	21,509,539	469,344	750,150	4,108	5,311	323,989	382,408
WEST NORTH CENTRAL:										
Minnesota.....	8,267,361	10,609,484	7,625,026	8,819,005	237,271	1,300,000	71,409	76,800	301,052	383,592
Iowa.....	30,576,221	35,003,482	30,502,638	34,566,288	—	—	47,212	41,291	304,352	371,768
Missouri.....	32,710,967	37,725,652	29,378,001	31,963,194	2,564,628	1,070,400	35,552	46,958	458,763	577,199
North Dakota.....	157,125	183,148	43,446	48,702	—	—	3,492	4,743	96,281	120,331
South Dakota.....	5,014,219	4,840,081	4,847,899	4,721,967	—	—	822	495	89,888	108,355
Nebraska.....	12,589,979	20,381,729	12,337,455	20,178,682	60,150	—	23,421	10,964	154,688	177,762
Kansas.....	31,229,830	35,471,680	30,990,028	35,183,639	672	800	3,341	2,457	223,768	272,580
SOUTH ATLANTIC:										
Delaware.....	144,874	263,576	33,297	13,786	5,698	78,026	50,600	106,188	50,456	55,394
Maryland.....	3,951,079	5,266,140	3,090,192	4,264,973	135,800	87,456	409,989	536,696	237,707	278,147
District of Columbia.....	610,991	608,553	398,122	391,070	12,250	21,000	27,302	20,012	154,467	156,423
Virginia.....	3,132,239	3,265,191	2,328,534	2,430,200	—	—	187,113	228,942	555,577	544,503
West Virginia.....	1,615,953	2,367,713	978,224	1,693,261	—	—	139,199	147,818	471,395	509,328
North Carolina.....	639,292	661,041	176,803	159,488	625	—	75,174	72,086	334,119	364,323
South Carolina.....	587,172	457,456	115,854	39,563	—	—	113,714	94,807	340,508	316,213
Georgia.....	4,483,675	4,630,002	3,513,086	3,750,136	274,639	268,399	354,866	219,029	313,349	360,925
Florida.....	1,517,906	1,466,122	723,667	633,531	300,883	231,542	248,271	291,083	221,429	280,052
EAST SOUTH CENTRAL:										
Kentucky.....	1,823,924	2,600,293	1,124,358	1,812,496	3,718	2,000	207,897	207,960	456,697	551,595
Tennessee.....	2,504,718	2,402,542	1,749,733	1,495,571	56,514	51,300	149,126	181,232	486,074	615,320
Alabama.....	2,549,758	2,769,398	2,090,650	2,381,304	—	—	60,700	102,192	334,205	255,505
Mississippi.....	311,931	358,370	—	—	30	—	85,639	107,778	214,218	221,538
WEST SOUTH CENTRAL:										
Arkansas.....	546,966	508,841	229,356	151,661	—	—	62,032	80,963	246,645	268,043
Louisiana.....	1,641,468	1,379,380	1,042,692	721,323	89,187	87,479	206,219	232,333	284,641	318,887
Oklahoma.....	3,682,915	5,210,908	3,313,789	4,820,299	—	—	37,303	42,970	291,841	317,933
Texas.....	9,313,739	10,903,738	8,360,135	9,428,390	28,394	36,212	202,312	563,738	694,948	846,828
MOUNTAIN:										
Montana.....	899,982	840,902	482,807	403,199	1,345	—	57,351	32,214	305,600	347,779
Idaho.....	334,519	815,324	499,629	499,629	—	—	56,005	130,670	226,787	268,063
Wyoming.....	187,342	206,151	35,112	45,709	—	—	34,337	51,935	108,767	104,826
Colorado.....	4,460,542	4,100,317	4,113,208	3,704,742	46,745	46,031	22,625	20,149	255,863	312,888
New Mexico.....	183,494	174,935	34,450	26,509	—	—	27,896	35,301	108,293	103,144
Arizona.....	254,239	283,681	105,674	111,236	2,390	100	15,072	25,377	114,417	130,137
Utah.....	1,074,001	1,056,100	554,279	832,068	100	—	59,992	56,714	151,463	159,756
Nevada.....	304,993	264,096	343,045	200,956	—	—	455	500	32,610	53,910
PACIFIC:										
Washington.....	5,754,125	6,123,597	4,792,162	5,272,385	280,213	156,400	139,070	140,551	500,153	508,785
Oregon.....	1,114,440	1,307,676	463,730	446,539	—	—	185,454	198,778	439,968	639,692
California.....	5,985,608	6,580,482	4,611,563	4,916,791	455,322	562,508	259,818	293,913	591,286	743,271

* Totals include figures reported by miscellaneous classes of business, as follows: For 1918, 2,503,040 pounds; for 1917, 2,235,204 pounds.

COMMERCIAL STOCKS OF SALTED AND CURED PORK, OTHER THAN HAMS, BACON AND SHOULDERS.

The commercial holdings of salted and cured pork, other than hams, bacon and shoulders, as reported in the Food Survey of January 1, 1918, amounted to 182,578,993 pounds. Of this total the meat packers held 148,691,740 pounds, or 81.5 per cent. The warehouses held only 8.3 per cent of the total; the wholesale dealers, 4.1 per cent; and the retail dealers, 5.7 per cent. The stocks reported for each class of business concerns handling this commodity are shown in the first column of Table 32, and the relative holdings of the different groups of concerns are shown graphically in Diagram 30.

The number of schedules received and tabulated for salted and cured pork is shown in Table 33.

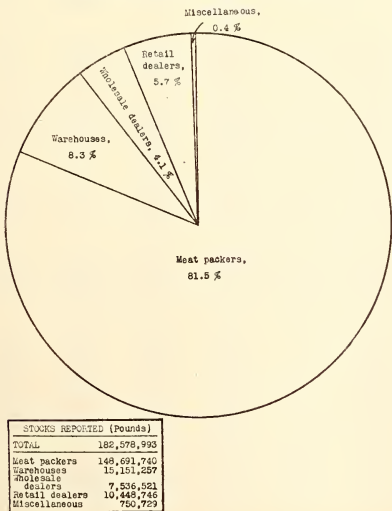
Table 33.—Number of firms reporting salted and cured pork, other than hams, bacon or shoulders, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	55,457	38,191
Meat packers	1,197	1,067
Warehouses	50	29
Wholesale dealers	1,409	1,188
Meat and provision jobbers	375	323
Wholesale grocers	893	767
Other wholesale dealers	136	98
Retail dealers	49,521	33,663
Retail meat markets	11,804	7,601
Retail grocers	37,569	24,579
Other retail dealers	1,943	1,492
Miscellaneous	3,280	2,244

Table 32.—Stocks of salted and cured pork, other than hams, bacon or shoulders, reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.			
		1918 stocks		1917 stocks.	
		Quantity.	Per cent of 1917.	Quantity.	Per cent of 1917.
Total	182,578,993	169,073,860	111.1	152,205,489	
Meat packers	148,691,740	147,410,362	115.5	127,659,699	
Warehouses	15,151,257	7,953,530	80.1	9,928,454	
Wholesale dealers	7,536,521	5,268,445	99.1	5,317,596	
Meat and provision jobbers	4,996,238	2,915,041	94.4	3,088,438	
Wholesale grocers	2,269,259	2,129,488	107.2	1,986,243	
Other wholesale dealers	271,024	223,916	92.2	242,915	
Retail dealers	10,448,746	7,845,427	90.8	8,639,810	
Retail meat markets	2,041,187	1,388,474	82.9	1,674,210	
Retail grocers	3,523,031	2,553,845	79.2	3,222,640	
Other retail dealers	4,884,528	3,903,108	104.3	3,742,960	
Miscellaneous	750,729	596,096	90.3	659,930	

Diagram 30.—Distribution of Total Stocks of Salted and Cured Pork, Other Than Hams, Bacon and Shoulders, Reported for January 1, 1918.



Geographic Distribution of Stocks Reported.

The distribution of the commercial holdings of salted and cured pork among the several geographic divisions and states is shown, by class of business, in Table 34. From these figures it may be seen that approximately 131,000,000 pounds, or more than seven-tenths of the total reported for the entire country, were held in the two North Central geographic divisions. Among the individual states, Illinois ranked first by a very wide margin, Kansas ranked second, Massachusetts third, Missouri fourth, and Iowa fifth. The geographic distribution of the stocks reported is shown in graphic form in Diagram 31, while those reported for the eighteen most important states are similarly represented in Diagram 32.

Diagram 31.—Stocks of Salted and Cured Pork, Other Than Hams, Bacon and Shoulders, Reported for January 1, 1918, by Geographic Divisions.

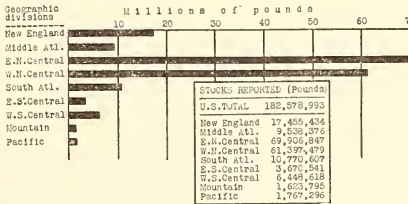
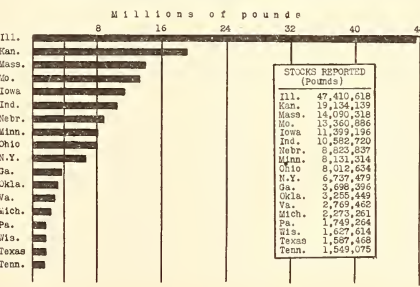


Diagram 32.—Stocks of Salted and Cured Pork, Other Than Hams, Bacon and Shoulders, Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

The comparative stocks for January 1, 1918, and one year earlier, as shown by the reports that gave information for both dates (more than nine-tenths of the total returns, on the basis of the quantity reported), are given, by classes of business, in the last three columns of Table 31, and by geographic divisions and states in Table 35. From these figures it may be seen that the stocks of the meat packers were 15.5 per cent larger on the date of the Survey than on January 1, 1917. The holdings of each of the other classes of business were somewhat smaller. The total stocks reported for the date of the Survey were equivalent to 111.1 per cent of those held by the same concerns on January 1, 1917. The relative holdings on the two dates are represented graphically for the four most important groups of firms in Diagram 33.

DIAGRAM 33.—STOCKS OF SALTED AND CURED PORK, OTHER THAN HAMS, BACON AND SHOULDERS, REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

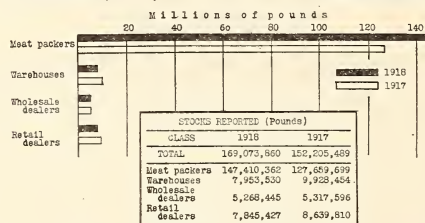


Table 34.—Stocks of salted and cured pork, other than hams, bacon or shoulders, reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Warehouses.	WHOLESALE DEALERS.				RETAIL DEALERS.				Miscellaneous.
				Total.	Meat and provision jobbers.	Wholesale grocers.	Other wholesale dealers.	Total.	Retail meat markets.	Retail grocers.	Other retail dealers.	
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	182,578,993	148,691,740	15,151,257	7,536,521	4,996,238	2,269,259	271,024	10,448,746	2,041,187	3,523,031	4,884,528	750,729
GEOGRAPHIC DIVISIONS:												
New England.....	17,455,434	8,744,104	5,726,408	1,011,223	855,612	140,221	15,390	1,815,352	165,798	1,220,353	429,201	158,347
Middle Atlantic.....	9,538,376	6,275,386	2,424,483	1,137,908	928,393	166,822	42,693	1,779,243	792,059	617,061	370,123	103,356
East North Central.....	69,996,847	50,084,242	7,362,576	1,980,237	1,835,592	32,535	12,110	1,351,855	501,378	428,824	421,433	127,937
West North Central.....	61,397,479	59,119,728	1,492,925	100,990	42,682	52,577	5,751	596,700	213,740	162,419	220,541	87,136
South Atlantic.....	10,770,607	5,869,782	1,214,281	1,906,076	610,777	1,192,623	102,676	2,739,517	93,807	525,999	2,119,711	133,804
East South Central.....	3,670,541	1,833,613	1,531	831,809	391,270	378,440	62,099	958,515	52,320	229,453	676,742	45,068
West South Central.....	6,448,618	5,192,903	95,500	402,887	125,458	247,815	29,569	726,454	20,607	226,635	479,212	30,919
Mountain.....	1,623,795	1,340,405	273	31,837	7,334	210	228,955	50,651	52,668	125,633	22,285	22,285
Pacific.....	1,767,296	1,231,572	108,133	133,569	99,140	33,903	526	252,155	150,627	59,619	41,909	41,867
NEW ENGLAND:												
Maine.....	871,161	221,469	27,881	104,284	37,108	65,611	1,565	484,051	11,793	260,385	211,903	33,476
New Hampshire.....	347,710	87,313	23,445	17,666	5,480	218,300	299	163,832	16,980	133,020	68,372	18,562
Vermont.....	202,052	9,935	3,600	18,929	13,729	5,200	—	163,832	26,131	65,796	71,905	5,756
Massachusetts.....	14,090,318	6,989,479	5,694,365	718,593	646,625	58,702	13,266	600,132	62,223	494,213	43,696	87,749
Rhode Island.....	512,147	272,943	562	125,442	121,061	4,321	60	107,918	10,838	85,207	11,873	5,282
Connecticut.....	1,432,046	1,162,965	—	20,530	19,423	907	200	241,029	37,845	181,732	21,552	7,522
MIDDLE ATLANTIC:												
New York.....	6,737,479	4,518,342	74,787	957,860	816,735	102,020	39,105	1,119,361	475,155	400,036	244,170	67,129
New Jersey.....	1,051,633	611,078	133,196	122,696	69,501	52,858	337	171,468	56,368	89,730	25,370	13,195
Pennsylvania.....	1,749,264	1,145,966	34,500	57,352	42,157	11,944	3,251	488,414	290,536	127,295	100,583	23,032
EAST NORTH CENTRAL:												
Ohio.....	8,012,634	7,687,598	—	56,501	48,512	6,517	1,472	246,076	134,273	72,085	39,718	22,459
Indiana.....	10,582,720	10,448,801	—	17,794	14,060	3,734	—	93,141	27,597	42,205	23,339	22,984
Illinois.....	47,410,618	37,948,205	7,361,362	1,813,971	1,825,086	9,230	1,885	262,177	93,318	85,934	82,925	13,788
Michigan.....	2,273,261	1,660,853	1,214	64,142	45,234	10,180	8,728	511,216	148,352	182,031	180,833	35,836
Wisconsin.....	1,627,614	1,358,755	—	16,714	13,815	2,874	25	239,245	98,038	40,569	94,638	32,870
WEST NORTH CENTRAL:												
Minnesota.....	8,131,314	7,284,300	596,712	18,064	9,037	3,376	5,651	189,502	84,693	30,868	73,941	42,736
Iowa.....	11,399,196	11,330,713	—	2,557	2,537	300	100	63,108	40,553	14,031	8,524	2,418
Missouri.....	13,360,886	12,162,410	896,213	75,215	66,344	48,871	—	193,321	21,639	73,508	98,174	33,727
North Dakota.....	55,897	6,946	—	992	992	—	—	43,814	25,233	7,063	12,618	4,358
South Dakota.....	492,210	463,231	—	—	—	—	—	26,535	16,966	2,331	7,238	2,444
Nebraska.....	8,823,837	8,790,158	—	3,762	3,732	30	—	29,409	10,005	12,320	7,084	508
Kansas.....	19,134,139	19,081,970	—	—	—	—	—	49,011	14,651	21,398	12,962	3,158
SOUTH ATLANTIC:												
Delaware.....	49,386	11,461	2,046	8,500	8,000	500	—	26,562	7,627	8,208	10,727	817
Maryland.....	579,817	392,389	—	108,251	93,522	14,729	—	74,787	8,263	28,899	37,625	4,390
District of Columbia.....	127,463	89,868	—	2,995	1,820	810	395	32,951	6,448	26,420	83	1,649
Virginia.....	2,469,462	1,944,699	—	316,695	233,441	17,250	2,234	444,844	55,813	94,285	294,746	63,224
West Virginia.....	9,009,876	8,099,876	500	95,037	69,763	25,274	—	372,773	3,541	27,673	141,557	4,358
North Carolina.....	1,091,367	398,819	—	194,086	13,047	180,719	320	464,869	4,401	112,567	347,901	33,593
South Carolina.....	191,168	317,202	—	218,716	21,842	196,874	—	273,068	2,043	60,043	210,982	10,182
Georgia.....	3,698,396	1,636,442	32,333	887,653	237,585	596,348	52,850	1,114,995	3,194	133,326	978,475	7,573
Florida.....	553,004	269,026	66,549	74,743	1,250	51,890	21,603	134,668	2,477	34,876	97,615	8,018
EAST SOUTH CENTRAL:												
Kentucky.....	696,089	142,142	—	369,661	273,911	83,095	12,655	172,355	10,759	41,749	119,847	11,931
Tennessee.....	1,549,075	1,037,975	1,531	220,041	105,119	108,920	6,002	275,278	32,286	85,631	157,361	14,250
Alabama.....	184,709	453,056	—	84,993	12,240	29,361	43,392	264,337	3,220	58,348	202,789	12,303
Mississippi.....	610,668	200,445	—	157,114	—	157,064	50	246,525	6,055	43,725	196,745	6,584
WEST SOUTH CENTRAL:												
Arkansas.....	821,000	371,600	—	144,876	95,397	12,360	—	301,566	3,473	61,506	236,587	2,958
Louisiana.....	784,701	456,914	95,200	100,031	191	85,465	14,375	122,184	766	34,360	87,058	10,372
Oklahoma.....	3,255,449	3,117,583	—	3,654	—	3,654	—	128,286	9,019	51,480	67,781	5,926
Texas.....	1,357,468	1,246,506	300	154,281	88,148	63,269	2,834	174,418	7,349	79,283	87,786	11,663
MOUNTAIN:												
Montana.....	84,828	24,461	—	1,936	1,342	594	—	53,072	17,260	8,116	27,696	5,559
Idaho.....	45,243	11,128	—	1,295	670	625	—	31,064	14,593	3,569	12,900	1,756
Wyoming.....	14,282	1,920	—	—	—	—	—	11,840	1,200	3,790	6,958	405
Colorado.....	810,469	755,003	273	4,406	3,871	535	—	48,833	6,829	19,297	22,707	1,954
New Mexico.....	56,631	5,349	—	16,162	—	16,162	—	31,190	1,210	6,490	23,490	3,930
Arizona.....	32,368	5,004	—	4,255	139	3,906	210	19,758	4,503	4,133	11,122	3,351
Utah.....	556,098	524,537	—	3,690	1,312	2,378	—	24,607	4,006	6,072	13,929	3,264
Nevada.....	28,576	13,003	—	123	—	123	—	8,474	448	1,192	6,834	2,276
PACIFIC:												
Washington.....	440,292	265,530	3,895	61,514	60,923	491	100	101,759	73,193	13,944	14,622	7,774
Oregon.....	93,406	28,525	4,118	12,110	2,963	8,816	331	33,215	19,115	7,465	6,635	15,438
California.....	1,233,598	937,697	100,120	59,945	35,294	24,596	95	117,181	58,319	38,210	20,652	18,655

Table 35.—Comparative figures for salted and cured pork, other than hams, bacon or shoulders, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds. 169,973,860	Pounds. 152,205,489	Pounds. 147,410,362	Pounds. 127,659,699	Pounds. 7,953,530	Pounds. 9,928,454	Pounds. 5,268,445	Pounds. 5,317,596	Pounds. 7,845,427	Pounds. 8,639,810
United States.....										
GEOGRAPHIC DIVISIONS:										
New England.....	11,094,222	11,499,494	8,492,681	8,231,275	73,797	105,276	978,301	1,161,978	1,417,675	1,825,034
Middle Atlantic.....	8,733,045	7,270,602	6,191,699	4,382,820	42,187	58,340	1,101,912	1,068,800	1,316,460	1,687,517
East North Central.....	66,098,647	57,422,611	58,681,972	46,659,197	6,125,908	9,037,188	211,041	269,565	975,110	1,328,650
West North Central.....	61,174,431	54,244,259	59,098,330	52,976,068	1,486,925	537,500	98,532	114,492	415,213	528,625
South Atlantic.....	9,953,372	9,060,974	5,782,861	5,871,737	39,307	37,833	1,824,252	1,356,080	2,199,851	1,530,364
East South Central.....	3,041,398	3,251,156	1,804,289	1,740,016	-----	-----	529,297	657,350	676,431	804,442
West South Central.....	6,112,834	6,777,311	5,139,432	5,650,049	77,500	125,280	365,035	413,919	505,279	566,455
Mountain.....	1,306,850	862,563	1,114,613	644,985	273	270	29,442	35,466	150,677	170,863
Pacific.....	1,555,061	1,816,479	1,104,485	1,503,552	107,633	26,767	130,633	59,946	188,731	197,860
NEW ENGLAND:										
Maine.....	755,920	1,002,965	221,469	297,286	27,881	40,200	92,984	146,403	391,729	491,026
New Hampshire.....	296,133	313,302	87,063	64,727	-----	-----	22,636	30,120	170,067	206,075
Vermont.....	166,391	227,785	9,935	7,718	3,600	5,600	18,529	15,940	129,396	190,692
Massachusetts.....	8,167,523	7,767,859	6,888,904	6,201,834	42,516	59,476	699,507	818,670	457,879	571,263
Rhode Island.....	344,628	544,286	133,174	310,633	-----	-----	124,204	120,205	82,923	107,958
Connecticut.....	1,363,627	1,643,297	1,152,136	1,349,177	-----	-----	20,441	30,640	185,681	258,020
MIDDLE ATLANTIC:										
New York.....	6,270,940	4,659,014	4,480,551	2,592,364	9,187	37,040	932,244	898,505	795,043	1,085,250
New Jersey.....	833,233	942,281	582,084	671,170	-----	-----	177,346	99,013	121,937	162,331
Pennsylvania.....	1,628,872	1,669,307	1,129,064	1,119,286	33,000	21,800	52,322	71,192	399,480	439,736
EAST NORTH CENTRAL:										
Ohio.....	7,661,029	4,406,298	7,423,372	4,051,968	-----	-----	56,059	117,253	161,974	202,742
Indiana.....	10,325,118	7,750,216	10,441,609	7,649,238	-----	-----	6,939	8,283	57,053	71,802
Illinois.....	44,303,242	40,850,919	37,912,366	31,493,050	6,125,908	9,037,188	68,275	39,294	192,581	270,505
Michigan.....	2,088,894	1,935,230	1,617,093	1,290,552	-----	-----	63,134	78,136	378,685	540,555
Wisconsin.....	1,518,364	2,470,948	1,287,532	2,174,389	-----	-----	16,614	26,599	184,817	243,046
WEST NORTH CENTRAL:										
Minnesota.....	8,080,638	6,290,811	7,284,200	6,025,749	596,712	-----	17,479	18,711	142,181	187,229
Iowa.....	11,375,998	14,351,928	11,330,495	14,297,941	-----	-----	2,395	2,117	40,826	49,523
Missouri.....	13,293,372	12,159,592	12,158,960	11,339,516	890,213	537,500	75,215	91,346	136,322	169,641
North Dakota.....	40,608	46,580	6,946	5,794	-----	-----	992	573	31,988	39,696
South Dakota.....	483,540	478,597	463,231	445,453	-----	-----	-----	-----	18,604	25,064
Nebraska.....	8,809,110	4,148,699	8,790,158	4,125,736	-----	-----	2,451	1,545	16,178	21,105
Kansas.....	19,095,165	16,773,263	19,064,340	16,735,859	-----	-----	-----	-----	16,175	29,114
SOUTH ATLANTIC:										
Delaware.....	28,156	25,877	-----	-----	2,046	1,500	8,500	-----	17,563	24,293
Maryland.....	543,614	689,506	390,539	566,204	-----	-----	108,195	54,027	41,735	65,477
District of Columbia.....	123,781	81,982	89,868	53,060	-----	-----	2,600	2,353	29,754	25,709
Virginia.....	2,564,177	3,344,999	1,910,765	2,303,617	-----	-----	306,774	612,085	293,914	368,192
West Virginia.....	999,367	1,090,022	797,453	881,669	-----	-----	67,961	66,631	130,213	140,402
North Carolina.....	955,413	919,914	398,739	399,756	-----	-----	180,439	167,476	347,121	345,025
South Carolina.....	717,952	627,328	294,732	255,861	-----	-----	211,394	170,401	203,761	196,751
Georgia.....	3,566,337	1,848,984	1,631,719	1,206,034	8,912	12,224	870,420	365,789	1,049,229	261,997
Florida.....	454,576	432,362	269,026	205,536	28,350	24,109	67,969	97,318	86,561	102,518
EAST SOUTH CENTRAL:										
Kentucky.....	366,610	324,784	140,165	116,335	-----	-----	90,880	57,842	125,245	134,227
Tennessee.....	1,430,053	1,390,664	1,031,975	882,636	-----	-----	213,587	254,799	177,833	247,758
Alabama.....	720,085	915,310	431,704	504,951	-----	-----	82,861	155,425	194,636	235,139
Mississippi.....	524,650	620,398	200,445	236,094	-----	-----	141,969	189,284	178,717	187,318
WEST SOUTH CENTRAL:										
Arkansas.....	732,482	734,674	371,320	327,634	-----	-----	140,821	174,766	219,364	231,445
Louisiana.....	649,211	881,942	406,240	555,736	77,200	125,280	69,701	105,464	86,535	85,218
Oklahoma.....	3,201,582	3,346,236	3,115,956	3,248,328	-----	-----	3,654	4,069	76,638	88,109
Texas.....	1,529,559	1,814,459	1,245,916	1,518,351	300	-----	150,859	129,620	122,742	161,683
MOUNTAIN:										
Montana.....	61,964	48,461	23,810	5,127	-----	-----	890	2,065	34,972	38,004
Idaho.....	27,102	25,012	8,873	10,470	-----	-----	1,295	319	15,376	12,734
Wyoming.....	9,723	9,809	-----	-----	-----	-----	-----	-----	9,536	9,682
Colorado.....	787,560	474,680	745,922	425,905	273	270	4,406	3,185	36,210	44,047
New Mexico.....	44,217	60,160	5,349	10,066	-----	-----	16,162	20,672	20,766	27,867
Arizona.....	23,464	34,240	4,814	10,445	-----	-----	3,845	5,867	13,335	16,978
Utah.....	330,189	190,914	312,842	172,745	-----	-----	2,824	3,358	13,335	14,126
Nevada.....	22,331	19,287	13,003	10,226	-----	-----	20	-----	7,147	7,425
PACIFIC:										
Washington.....	414,443	1,016,209	264,050	885,367	3,895	22,196	61,168	30,676	78,801	70,124
Oregon.....	62,921	57,616	28,468	27,351	4,118	-----	12,010	7,466	17,965	22,522
California.....	1,077,697	742,654	811,967	590,834	99,620	4,571	57,455	21,804	91,965	105,214

*Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 596,096 pounds; for 1917, 659,930 pounds.

COMMERCIAL STOCKS OF MISCELLANEOUS MEATS.

The commercial stocks of miscellaneous meats, including tongues, kidneys, livers, sausages, scrapple, etc., reported in the Food Survey of January 1, 1918, amounted to 81,299,602 pounds. The meat packers held 68,965,894 pounds, or 84.8 per cent of these stocks. The cold storages held only 2.9 per cent of the total; the wholesale dealers, 5.0 per cent; the retail dealers, 6.4 per cent; and a miscellaneous group of firms, 0.9 per cent. The holdings reported for each class of business concerns handling miscellaneous meats are shown in the first column of Table 36, while the relative holdings of the several classes are represented graphically in Diagram 34.

The number of firms reporting this commodity is shown in Table 37.

Table 35.—Stocks of miscellaneous meats (tongues, kidneys, livers, sausages, scrapple, etc.) reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total	Pounds. 81,299,602	Pounds. 76,004,427	132.1	Pounds. 57,540,008
Meat packers	68,965,894	68,307,459	138.4	49,347,205
Cold storages	2,385,040	1,174,456	59.4	1,977,379
Wholesale dealers	4,017,129	2,171,395	108.5	2,002,037
Meat and provision jobbers	3,365,980	1,610,797	104.6	1,539,704
Other wholesale dealers	651,149	560,598	121.3	462,333
Retail dealers	5,219,375	3,804,004	100.8	3,773,393
Retail meat markets	2,509,585	1,703,299	107.7	1,581,584
Other retail dealers	2,909,790	2,100,705	95.8	2,191,809
Miscellaneous	712,164	547,113	124.3	439,994

Diagram 34.—Distribution of Total Stocks of Miscellaneous Meats (Tongues, Kidneys, Livers, Sausages, Scrapple, Etc.) Reported for January 1, 1918.

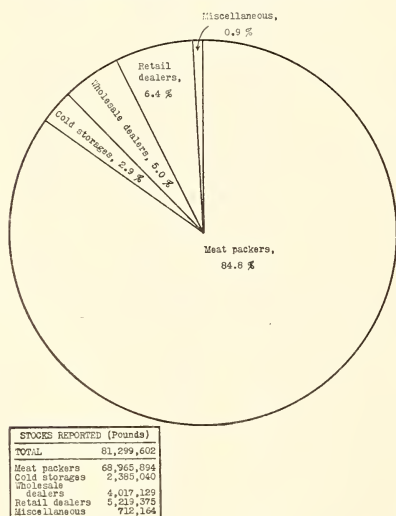


Table 37.—Number of firms reporting miscellaneous meats (tongues, kidneys, livers, sausages, scrapple, etc.), by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total	71,747	48,799
Meat packers	1,575	1,416
Cold storages	60	43
Wholesale dealers	1,205	965
Meat and provision jobbers	458	398
Other wholesale dealers	747	567
Retail dealers	64,478	43,306
Retail meat markets	16,061	10,525
Other retail dealers	48,417	32,781
Miscellaneous	4,429	3,069

Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of miscellaneous meats is shown, by geographic divisions and states, for each class of business concerns, in Table 38. From this table it may be seen that more than sixty millions pounds out of the total of eighty-one and a quarter million were reported from the two North Central geographic divisions. The state of Illinois alone reported more than three-eighths of the total for the entire country. The stocks of this commodity reported for each geographic division are represented graphically in Diagram 35, while the stocks reported for the eighteen most important states are shown in similar form in Diagram 36.

Diagram 35.—Stocks of Miscellaneous Meats (Tongues, Kidneys, Livers, Sausages, Scrapple, Etc.) Reported For January 1, 1918, by Geographic Divisions.

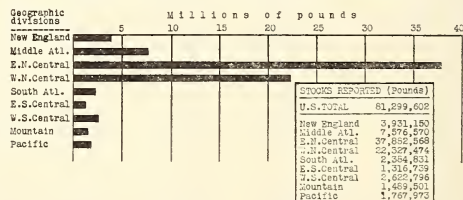
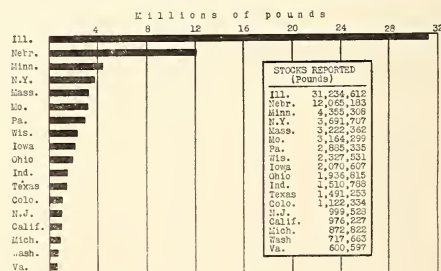


Diagram 36.—Stocks of Miscellaneous Meats (Tongues, Kidneys, Livers, Sausages, Scrapple, Etc.) Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About nine-tenths of the reports received, based on the quantity reported, gave information for January 1, 1917, as well as for January 1, 1918. Comparative stocks for January 1, 1918, and January 1, 1917, based on these two-year reports, may be found in the last three columns of Table 36. This table indicates that while the stocks in cold storages showed a marked decrease, the stocks of the other groups of concerns, and more particularly those of the most important class, the meat packers, showed an increase. The combined stocks of all classes on the date of the Survey were 32.1 per cent larger than the stocks held by the same concerns one year earlier. Comparative figures by geographic divisions and states may be found in Table 39, while the relative stocks on the two dates above referred to are shown in graphic form for the four more important classes of business concerns in Diagram 37.

DIAGRAM 37.—STOCKS OF MISCELLANEOUS MEATS (TONGUES, KIDNEYS, LIVERS, SAUSAGES, SCRAPPLE, ETC.) REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

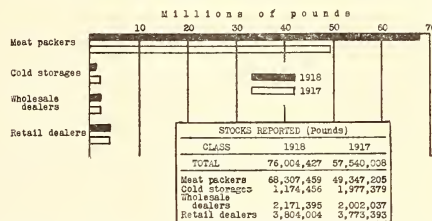


Table 38.—Stocks of miscellaneous meats (tongues, kidneys, livers, sausages, scrapple, etc.) reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Meat packers.	Cold storages.	WHOLESALE DEALERS.			RETAIL DEALERS.			Miscellaneous.
				Total.	Meat and provision jobbers.	Other wholesale dealers.	Total.	Retail meat markets.	Other retail dealers.	
United States.....	Pounds. 81,299,602	Pounds. 68,965,894	Pounds. 2,385,040	Pounds. 4,017,129	Pounds. 3,365,980	Pounds. 651,149	Pounds. 5,219,375	Pounds. 2,309,585	Pounds. 2,909,790	Pounds. 712,164
GEOGRAPHIC DIVISIONS:										
New England.....	3,931,150	2,870,322	77,864	489,685	423,753	65,932	462,956	70,773	392,183	30,323
Middle Atlantic.....	7,576,570	4,033,347	1,122,461	948,957	713,340	235,617	1,330,154	716,305	613,849	141,651
East North Central.....	37,882,568	33,863,984	276,630	1,992,804	1,885,193	107,611	1,357,782	660,155	697,627	418,368
West North Central.....	22,327,474	21,349,686	161,023	122,449	68,322	54,127	667,707	355,514	312,193	26,609
South Atlantic.....	2,384,831	1,454,781	214,399	126,570	141,473	75,097	468,579	114,263	354,316	30,502
East South Central.....	1,316,739	998,157	108,164	31,219	176,845	19,987	35,707	161,280	12,339	12,339
West South Central.....	2,622,796	2,156,059	175,537	41,148	22,290	18,858	230,601	48,480	182,121	19,451
Mountain.....	1,489,501	1,078,484	190,021	30,724	23,905	6,819	176,588	62,194	114,394	13,684
Pacific.....	1,767,973	1,187,074	167,013	66,628	56,385	10,243	328,021	246,194	81,827	19,237
NEW ENGLAND:										
Maine.....	134,770	66,076	-----	17,251	9,116	8,135	44,588	5,085	39,503	6,855
New Hampshire.....	60,999	29,039	-----	2,934	2,142	792	27,220	2,510	24,710	1,806
Vermont.....	32,955	10,347	769	4,876	4,876	-----	15,458	4,148	11,310	1,505
Massachusetts.....	3,222,362	2,520,334	40,301	422,594	369,758	52,836	224,015	35,332	188,683	15,118
Rhode Island.....	110,419	32,769	1,499	27,379	25,195	2,184	47,725	5,019	42,706	1,047
Connecticut.....	369,645	211,737	35,295	14,651	12,666	1,985	108,950	18,679	85,271	3,992
MIDDLE ATLANTIC:										
New York.....	3,691,707	1,557,008	884,696	595,029	442,152	152,877	565,255	340,409	224,846	89,719
New Jersey.....	999,528	460,796	168,932	157,143	142,603	14,540	180,674	97,191	82,883	32,583
Pennsylvania.....	2,855,355	2,015,543	68,833	196,785	128,585	68,200	584,825	278,705	306,120	19,349
EAST NORTH CENTRAL:										
Ohio.....	1,936,815	1,489,843	-----	165,130	110,278	54,852	262,417	128,831	133,586	19,425
Indiana.....	1,510,788	1,336,427	-----	11,875	2,467	9,408	159,189	43,528	115,661	3,297
Illinois.....	31,234,612	28,460,621	276,585	1,742,674	1,717,332	25,342	1,405,164	168,938	236,226	349,568
Michigan.....	872,822	567,215	-----	57,668	50,335	7,333	236,661	107,724	128,942	11,273
Wisconsin.....	2,327,531	1,982,878	45	15,457	4,781	10,676	294,346	211,134	83,212	34,805
WEST NORTH CENTRAL:										
Minnesota.....	4,355,308	4,104,350	-----	46,102	19,180	26,922	199,538	124,937	74,601	5,318
Iowa.....	2,270,607	1,915,718	-----	15,970	13,246	2,724	135,636	80,565	55,071	3,283
Missouri.....	3,164,299	2,827,507	160,548	40,929	17,571	23,358	125,229	38,508	86,721	10,086
North Dakota.....	73,656	22,382	-----	3,554	3,000	554	46,427	19,021	17,406	1,293
South Dakota.....	72,326	37,885	-----	505	-----	505	33,507	20,666	12,841	429
Nebraska.....	12,065,183	11,984,254	38,888	15,325	15,325	-----	63,948	35,088	28,360	1,881
Kansas.....	526,095	457,590	100	64	-----	64	64,022	26,729	37,293	4,319
SOUTH ATLANTIC:										
Delaware.....	38,502	5,813	2,355	8,475	7,975	500	21,193	10,421	10,772	666
Maryland.....	536,170	164,771	197,604	81,854	70,191	11,663	88,598	26,525	62,073	3,343
District of Columbia.....	138,407	99,043	14,530	12,411	10,957	1,454	59,373	18,059	41,314	2,330
Virginia.....	600,597	495,181	-----	32,806	22,503	10,303	66,704	15,469	51,235	5,906
West Virginia.....	220,787	149,082	-----	5,543	-----	5,543	62,367	10,702	51,665	3,795
North Carolina.....	115,152	50,572	-----	8,645	2,576	6,069	53,161	8,355	44,806	2,774
South Carolina.....	123,933	72,066	-----	15,754	-----	15,754	55,695	3,819	31,876	418
Georgia.....	357,576	270,754	90	28,577	16,586	11,988	55,826	13,603	42,223	2,329
Florida.....	233,707	176,599	-----	22,505	10,682	11,823	25,662	7,310	18,352	8,941
EAST SOUTH CENTRAL:										
Kentucky.....	143,692	39,535	-----	37,137	17,915	19,222	63,494	9,923	53,571	3,526
Tennessee.....	430,665	329,153	92	52,716	11,934	40,782	11,934	11,966	33,615	3,123
Alabama.....	568,895	504,066	-----	9,746	1,470	8,276	52,869	10,156	42,713	2,214
Mississippi.....	173,487	126,403	-----	8,565	-----	8,565	35,043	3,662	31,381	3,476
WEST SOUTH CENTRAL:										
Arkansas.....	189,357	129,429	-----	11,826	4,401	7,425	46,221	6,897	39,324	1,881
Louisiana.....	463,816	269,172	122,542	11,348	7,605	3,743	55,898	2,999	52,899	4,856
Oklahoma.....	478,370	413,434	-----	3,644	2,500	1,144	55,266	18,268	36,998	6,026
Texas.....	1,491,253	1,344,024	52,995	14,330	7,784	6,546	73,216	20,316	52,900	6,688
MOUNTAIN:										
Montana.....	85,927	39,889	-----	8,532	8,098	434	33,659	16,968	16,691	3,847
Idaho.....	31,934	7,306	200	3,589	19,878	160	19,878	12,270	7,608	961
Wyoming.....	19,682	3,667	-----	2,923	2,808	115	12,195	2,533	9,662	897
Colorado.....	1,122,334	862,890	189,821	9,621	6,933	2,688	55,333	12,144	43,189	4,669
New Mexico.....	15,647	3,292	-----	3,292	3,292	-----	11,095	1,858	9,237	928
Arizona.....	31,739	8,133	-----	4,117	1,017	3,100	19,234	11,072	8,162	305
Utah.....	163,109	140,425	-----	1,620	1,600	20	19,929	4,910	15,019	1,135
Nevada.....	19,079	12,882	-----	-----	-----	-----	5,265	439	4,826	932
PACIFIC:										
Washington.....	717,663	555,685	79,162	18,495	16,555	1,940	56,352	42,316	14,036	7,969
Oregon.....	74,083	22,114	7,640	5,447	2,890	2,557	23,371	28,869	8,422	1,591
California.....	976,227	609,275	80,211	42,686	36,940	5,746	234,378	175,009	59,369	9,677

Table 39.—Comparative figures for miscellaneous meats (tongues, kidneys, livers, sausages, scrapple, etc.), by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		MEAT PACKERS.		COLD STORAGES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
United States.....	Pounds. 76,004,427	Pounds. 57,540,008	Pounds. 68,307,459	Pounds. 49,347,205	Pounds. 1,174,456	Pounds. 1,977,379	Pounds. 2,171,395	Pounds. 2,002,037	Pounds. 3,804,004	Pounds. 3,773,393
GEOGRAPHIC DIVISIONS:										
New England.....	3,697,850	2,090,040	2,788,333	1,065,499	42,270	75,322	484,449	539,838	363,407	387,930
Middle Atlantic.....	5,963,530	5,387,367	3,851,041	3,391,927	264,550	182,262	801,013	728,847	964,113	1,003,764
East North Central.....	35,391,255	26,458,372	33,674,677	23,966,572	45	948,328	384,263	311,437	968,366	975,670
West North Central.....	22,120,224	16,413,620	21,338,559	15,782,686	160,648	17,835	113,591	105,717	487,288	487,199
South Atlantic.....	2,097,113	2,046,757	1,361,660	1,098,706	214,369	466,084	185,872	149,075	317,748	317,692
East South Central.....	1,155,083	746,375	974,787	545,870	92	240	80,548	36,006	133,006	137,432
West South Central.....	2,509,963	2,443,357	2,135,095	2,164,895	170,572	79,764	38,240	36,614	153,253	148,144
Mountain.....	1,354,515	683,563	1,005,248	478,143	189,821	45,462	19,435	18,876	131,993	131,933
Pacific.....	1,674,894	1,270,357	1,178,059	852,807	132,059	162,082	64,184	55,627	284,830	183,620
NEW ENGLAND:										
Maine.....	123,485	110,574	66,076	59,457	-----	-----	16,441	10,539	35,299	34,931
New Hampshire.....	53,726	47,156	29,039	20,105	-----	-----	2,862	3,209	20,365	21,351
Vermont.....	30,066	33,339	10,347	12,996	-----	769	4,851	3,515	12,649	13,949
Massachusetts.....	3,087,626	1,388,173	2,439,245	697,982	40,301	72,439	418,858	426,127	182,266	183,282
Rhode Island.....	96,998	170,549	32,569	67,713	-----	-----	27,259	62,850	36,625	39,498
Connecticut.....	305,949	340,249	211,057	207,246	1,200	1,200	14,178	33,598	76,203	94,928
MIDDLE ATLANTIC:										
New York.....	2,665,042	2,134,302	1,487,403	1,060,097	195,717	121,227	505,114	467,952	436,309	447,447
New Jersey.....	656,765	513,039	389,305	244,771	-----	-----	129,188	128,377	108,310	110,987
Pennsylvania.....	2,641,723	2,740,926	1,074,353	2,087,559	68,833	61,035	166,711	132,518	419,494	445,330
EAST NORTH CENTRAL:										
Ohio.....	1,798,048	1,379,804	1,437,296	1,087,411	-----	-----	159,197	105,323	183,913	169,470
Indiana.....	1,408,122	1,041,783	1,310,559	934,101	-----	-----	11,251	13,168	83,554	91,324
Illinois.....	29,214,758	20,757,208	28,440,055	19,152,640	-----	948,283	144,469	123,398	301,020	310,344
Michigan.....	789,757	626,233	555,760	399,798	-----	-----	54,473	53,558	170,470	165,046
Wisconsin.....	2,180,570	2,653,344	1,931,007	2,392,622	45	45	14,873	15,960	229,409	239,486
WEST NORTH CENTRAL:										
Minnesota.....	4,306,349	4,364,957	4,103,650	4,148,631	-----	-----	43,537	50,727	156,146	161,387
Iowa.....	2,033,918	1,351,711	1,915,218	1,239,651	-----	-----	15,808	15,775	100,392	94,281
Missouri.....	3,115,868	2,720,324	2,823,838	2,578,758	160,548	17,735	40,469	29,619	83,064	85,801
North Dakota.....	59,987	54,813	22,382	22,280	-----	-----	3,504	1,966	33,257	29,554
South Dakota.....	62,424	78,851	37,885	52,296	-----	-----	505	1,067	23,734	25,131
Nebraska.....	12,040,700	7,600,172	11,984,254	7,547,381	-----	-----	9,768	6,563	45,063	44,255
Kansas.....	500,975	242,792	451,332	193,639	100	100	-----	-----	45,602	46,790
SOUTH ATLANTIC:										
Delaware.....	32,697	33,680	5,608	4,238	-----	4,137	8,475	8,751	15,593	16,023
Maryland.....	493,788	688,451	162,521	153,107	197,604	432,627	75,512	49,649	55,852	49,937
District of Columbia.....	151,420	120,167	69,943	126,960	-----	-----	12,411	4,860	52,768	48,199
Virginia.....	550,794	370,454	473,690	291,411	-----	-----	25,886	23,114	46,503	51,975
West Virginia.....	197,931	141,969	145,912	90,785	-----	-----	5,456	4,808	43,597	44,956
North Carolina.....	88,926	77,215	46,345	31,111	-----	-----	4,781	4,037	36,157	40,426
South Carolina.....	81,905	64,314	49,433	31,404	-----	-----	9,422	12,966	22,835	19,614
Georgia.....	289,316	229,971	231,609	184,295	90	270	26,314	13,117	29,862	30,481
Florida.....	210,336	220,536	176,599	185,395	-----	-----	17,615	27,753	14,581	16,081
EAST SOUTH CENTRAL:										
Kentucky.....	106,441	93,889	38,964	28,001	-----	-----	18,710	12,243	46,028	50,550
Tennessee.....	411,004	248,454	326,018	184,291	92	-----	52,518	31,016	30,805	31,073
Alabama.....	526,610	316,463	485,567	280,255	-----	240	4,964	2,205	34,542	32,609
Mississippi.....	150,938	87,769	124,238	53,420	-----	-----	4,156	10,542	21,631	22,800
WEST SOUTH CENTRAL:										
Louisiana.....	168,979	113,697	127,384	77,430	-----	-----	10,269	9,301	30,377	26,034
Oklahoma.....	424,154	323,480	252,493	197,353	118,032	68,850	10,523	11,190	39,784	43,742
Oklahoma.....	452,155	547,901	413,324	514,350	-----	-----	3,563	3,114	31,561	26,238
Texas.....	1,464,675	1,458,279	1,341,894	1,375,762	52,540	10,914	13,885	13,009	51,531	52,130
MOUNTAIN:										
Montana.....	69,083	35,539	38,289	3,692	-----	-----	4,315	5,534	24,004	23,093
Idaho.....	25,116	22,487	7,306	5,924	-----	-----	3,409	1,901	13,531	13,955
Wyoming.....	15,116	10,117	2,227	1,440	-----	-----	2,923	2,366	9,317	5,811
Colorado.....	1,095,475	490,501	855,819	396,946	189,821	45,462	5,894	3,283	42,283	42,893
New Mexico.....	12,459	12,902	3,292	9,751	-----	-----	537	598	8,023	8,693
Arizona.....	24,718	32,296	7,633	10,765	-----	-----	1,017	4,163	15,873	17,073
Utah.....	95,076	67,099	77,800	49,039	-----	-----	1,620	1,031	14,709	15,951
Nevada.....	17,472	12,622	12,882	7,586	-----	-----	-----	-----	4,253	4,574
PACIFIC:										
Washington.....	696,520	454,882	555,536	343,508	70,178	50,872	18,435	13,629	46,476	41,541
Oregon.....	661,582	47,244	17,524	15,071	7,640	-----	5,397	7,927	29,921	21,718
California.....	916,792	768,231	604,999	493,328	54,241	111,210	40,352	34,071	208,433	120,361

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 547,113 pounds; for 1917, 439,994 pounds.

COMMERCIAL STOCKS OF GELATIN.

The commercial stocks of gelatin intended for human food, as reported in the Food Survey of January 1, 1918, amounted to 6,932,027 pounds. Of these stocks the gelatin manufacturers held only 6.6 per cent, and the warehouses 9.2 per cent. The wholesale dealers held larger total stocks than any other group of concerns—37.4 per cent of the total—while the retail dealers held 23.3 per cent, and a miscellaneous group of firms held 23.5 per cent. The stocks reported by each class of business concerns handling this commodity are shown in the first column of Table 40, and the relative stocks held by the several classes are represented graphically in Diagram 38.

The total number of schedules received and tabulated for gelatin are shown in Table 41.

Table 40.—Stocks of gelatin reported for January 1, 1918, with comparative figures for January 1, 1917, by classes of business.

CLASS OF BUSINESS.	Total stocks reported for Jan. 1, 1918.	COMPARATIVE FIGURES—FROM FIRMS REPORTING FOR BOTH 1918 AND 1917.		
		1918 stocks.		1917 stocks.
		Quantity.	Per cent of 1917.	
Total.....	Pounds. 6,932,027	Pounds. 5,981,410	109.4	Pounds. 5,469,528
Gelatin manufacturers.....	462,640	425,246	62.5	680,690
Warehouses.....	641,143	519,830	203.0	256,103
Wholesale dealers.....	2,589,327	2,397,920	131.9	1,967,139
Wholesale grocers.....	2,339,890	2,191,061	127.2	1,722,808
Other wholesale dealers.....	249,437	206,859	84.7	244,331
Retail dealers.....	1,613,275	1,211,437	107.4	1,128,416
Retail grocers.....	1,453,102	892,064	106.8	788,262
General stores.....	444,334	359,596	108.8	330,578
Other retail dealers.....	15,839	9,777	102.1	9,576
Miscellaneous.....	1,625,642	1,426,977	99.3	1,437,180

Diagram 38.—Distribution of Total Stocks of Gelatin Reported for January 1, 1918.

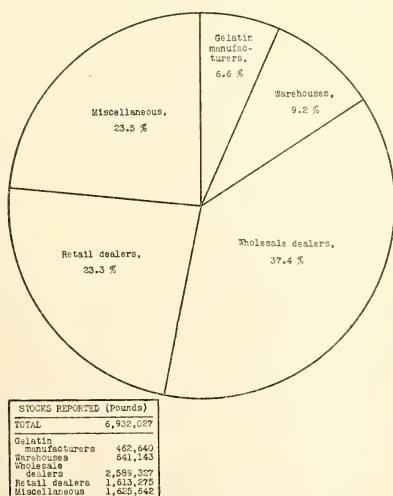


Table 41.—Number of firms reporting gelatin, by classes of business.

CLASS OF BUSINESS.	Total number of firms reporting.	Firms reporting for both 1918 and 1917.
Total.....	92,164	66,321
Gelatin manufacturers.....	16	14
Warehouses.....	67	44
Wholesale dealers.....	3,082	2,672
Wholesale grocers.....	2,729	2,424
Other wholesale dealers.....	353	248
Retail dealers.....	81,799	58,550
Retail grocers.....	53,474	37,524
General stores.....	27,490	20,576
Other retail dealers.....	835	450
Miscellaneous.....	7,200	5,041

Geographic Distribution of Stocks Reported.

The distribution of the commercial stocks of gelatin among the several geographic divisions and states is shown by classes of business in Table 42. These figures indicate that the Middle Atlantic division ranked first in stocks of gelatin reported, the East North Central division second, and the West North Central division third. Among the individual states, New York outranked any other by a considerable margin, Illinois came second, Pennsylvania third, and California fourth. The holdings of this commodity reported for each of the nine geographic divisions are represented graphically in Diagram 39 and the stocks reported for the eighteen most important states are shown in similar form in Diagram 40.

Diagram 39.—Stocks of Gelatin Reported for January 1, 1918, by Geographic Divisions.

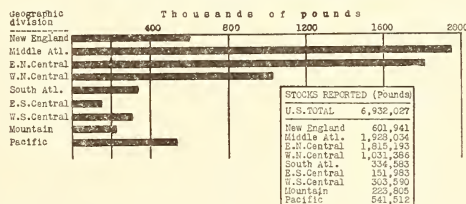
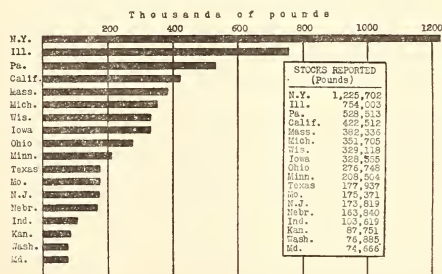


Diagram 40.—Stocks of Gelatin Reported for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

The commercial holdings of gelatin on the date of the Survey as compared with those on hand one year earlier are shown in the last three columns of Table 40. These comparative figures are based on those schedules that gave information for January 1, 1917, as well as January 1, 1918—more than four-fifths of the total returns, on the basis of the quantity reported. The stocks of this commodity held by gelatin manufacturers were decidedly smaller on January 1, 1918, than on the earlier date. The holdings of the other groups of concerns, however, show a fairly general increase. The total stocks on the date of the Survey were 9.4 per cent larger than those of January 1, 1917. The comparative figures are also given for geographic divisions and states, by classes of business, in Table 43, while the relative holdings of gelatin on the two dates are represented in graphic form for the four more important groups of concerns in Diagram 41.

DIAGRAM 41.—STOCKS OF GELATIN REPORTED FOR JANUARY 1, 1918, AND JANUARY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

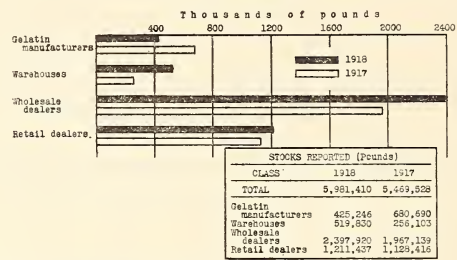


Table 42.—Stocks of gelatin reported for January 1, 1918, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.	Gelatin manufacturers.	Warehouses.	WHOLESALE DEALERS.			RETAIL DEALERS.				Miscellaneous.
				Total.	Wholesale groceries.	Other wholesale dealers.	Total.	Retail grocers.	General stores.	Other retail dealers.	
	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
United States.....	9,981,410	462,640	641,143	2,589,327	2,339,890	249,437	1,613,275	1,153,102	444,334	15,839	1,625,642
GEOGRAPHIC DIVISIONS:											
New England.....	601,941	80,371	4,666	202,218	186,847	15,371	233,566	207,595	22,919	3,052	81,120
Middle Atlantic.....	1,928,034	265,265	161,199	603,769	488,145	115,624	384,077	322,550	56,619	4,508	513,724
East North Central.....	1,815,193	114,885	255,899	488,155	463,417	24,738	370,037	242,296	124,683	3,058	586,217
West North Central.....	1,031,386	1,031,386	95,755	462,916	449,179	13,737	229,403	127,794	99,036	2,573	243,312
South Atlantic.....	334,583	32	16,944	152,481	121,760	30,721	102,623	74,633	27,296	694	62,303
East South Central.....	151,953	753	753	74,802	71,209	3,593	50,067	36,593	13,096	376	25,639
West South Central.....	303,500	53,004	133,411	148,707	148,707	4,454	66,569	47,061	18,888	694	30,856
Mountain.....	223,805	1,732	133,775	133,010	133,010	755	65,961	35,310	30,143	508	22,337
Pacific.....	541,512	1,334	51,222	318,050	277,616	40,434	110,972	58,912	51,654	406	59,934
NEW ENGLAND:											
Maine.....	53,629		10	23,489	23,271	218	26,715	21,240	5,236	239	3,415
New Hampshire.....	38,519			20,928	20,928		16,205	12,867	3,106	232	1,386
Vermont.....	16,500			5,847	5,817	30	8,349	5,123	2,736	490	2,304
Massachusetts.....	382,336	80,371	1,374	114,336	105,933	8,403	123,876	114,582	8,163	1,131	62,379
Rhode Island.....	38,527		3,282	12,745	10,994	1,751	19,627	18,843	667	117	2,873
Connecticut.....	72,430			24,873	19,904	4,969	38,794	34,940	3,011	843	8,763
MIDDLE ATLANTIC:											
New York.....	1,225,702	218,284	103,402	400,988	293,706	107,282	207,948	178,333	26,963	2,652	295,080
New Jersey.....	173,819	45,235		18,155	16,764	1,391	78,461	74,109	3,640	712	31,968
Pennsylvania.....	528,513	1,746	57,797	184,626	177,675	6,951	97,668	70,508	26,016	1,144	186,676
EAST NORTH CENTRAL:											
Ohio.....	276,748		23,182	87,517	86,518	999	62,425	53,226	8,693	506	103,624
Indiana.....	303,619			45,167	35,978	9,189	28,802	23,792	4,918	92	20,650
Illinois.....	754,003		232,209	221,643	203,734	11,909	157,334	84,574	71,406	1,054	142,817
Michigan.....	351,705	102,785	500	92,530	91,935	595	68,164	47,891	19,674	399	87,726
Wisconsin.....	329,118	12,100	8	41,298	39,252	2,046	53,312	32,513	19,992	807	222,400
WEST NORTH CENTRAL:											
Minnesota.....	208,504		964	122,273	120,111	2,162	53,277	29,578	23,148	551	31,990
Iowa.....	328,353		35,150	142,366	130,366	6,000	63,532	36,252	26,493	787	87,307
Missouri.....	175,371		800	57,521	56,048	1,473	38,494	30,679	7,346	469	78,556
North Dakota.....	29,293			15,107	15,059	18	13,069	3,545	9,207	317	1,117
South Dakota.....	38,272		25	17,807	17,015	792	13,429	3,713	9,626	90	7,011
Nebraska.....	163,840		58,816	46,565	43,558	3,007	24,816	10,659	13,904	253	33,643
Kansas.....	87,751			61,277	60,992	285	22,786	13,368	9,312	106	3,688
SOUTH ATLANTIC:											
Delaware.....	3,117			479	479		2,045	1,816	229		593
Maryland.....	74,666	32	14,601	13,555	13,545	10	9,972	7,254	2,670	48	36,506
District of Columbia.....	47,734			29,209	11,955	17,254	15,366	15,302	64		3,139
Virginia.....	71,418		2,003	28,627	23,954	11,733	23,954	15,382	8,673	207	5,191
West Virginia.....	26,425			11,812	11,805	7	10,414	6,015	4,357	42	4,199
North Carolina.....	28,565			15,954	15,755	199	10,743	7,283	3,450	10	1,868
South Carolina.....	17,380			7,502	7,476	26	7,848	5,085	2,691	72	2,030
Georgia.....	38,677			19,258	18,726	532	14,695	10,699	3,686	310	4,724
Florida.....	26,601		340	14,532	13,392	960	7,586	5,797	1,784	5	4,323
EAST SOUTH CENTRAL:											
Kentucky.....	38,007			17,884	17,816	68	15,789	11,999	3,758	32	4,934
Tennessee.....	62,897	753	722	28,355	24,868	3,487	16,218	12,772	3,339	107	16,849
Alabama.....	31,627			18,889	18,889	30	10,629	7,591	3,046	192	2,107
Mississippi.....	18,854			9,674	9,666	8	7,431	4,433	2,953	45	1,749
WEST SOUTH CENTRAL:											
Arkansas.....	41,613			30,227	26,135	4,092	8,606	6,083	2,337	186	2,780
Louisiana.....	30,016		5	13,263	13,062	200	9,443	3,943	3,492	3	8,203
Oklahoma.....	53,124			30,032	29,978	54	15,385	10,578	4,667	140	7,707
Texas.....	177,937		52,999	79,640	79,532	108	33,135	24,408	8,392	335	12,163
MOUNTAIN:											
Montana.....	51,276			34,772	34,772		12,545	5,254	7,105	186	3,959
Idaho.....	32,221			24,242	24,213	29	6,987	2,835	3,968	184	992
Wyoming.....	8,112			3,703	3,703		4,291	2,086	2,190	15	118
Colorado.....	51,192		563	19,324	19,008	316	23,351	16,045	7,255	51	7,954
New Mexico.....	9,629		70	4,279	4,279		4,969	2,118	2,850	1	311
Arizona.....	10,187			4,129	3,974	155	5,577	2,179	3,337	61	1,481
Utah.....	58,336		1,070	42,186	41,921	265	6,832	4,199	2,623	10	8,448
Nevada.....	2,652		29	1,140	1,140		1,409	594	815		74
PACIFIC:											
Washington.....	76,885	1,334	2,140	41,213	39,225	1,988	20,488	13,679	6,775	34	11,710
Oregon.....	12,115		700	21,833	21,818	15	13,270	8,254	4,327	189	6,312
California.....	422,512		48,382	265,004	216,573	38,431	77,214	36,979	40,052	183	41,912

Table 43.—Comparative figures for gelatin, by classes of business, for geographic divisions and states.

GEOGRAPHIC DIVISION AND STATE.	TOTAL.*		GELATIN MANUFACTORIES.		WAREHOUSES.		WHOLESALE DEALERS.		RETAIL DEALERS.	
	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.	1918.	1917.
	Pounds. 5,981,410	Pounds. 5,469,528	Pounds. 425,246	Pounds. 680,690	Pounds. 519,830	Pounds. 256,103	Pounds. 2,397,920	Pounds. 1,967,139	Pounds. 1,211,437	Pounds. 1,128,416
United States.....										
GEOGRAPHIC DIVISIONS:										
New England.....	454,040	435,236	44,311	31,507	235	9,105	175,640	141,432	160,947	164,499
Middle Atlantic.....	1,663,521	1,947,136	265,265	470,368	101,599	16,817	571,632	531,663	287,564	278,678
East North Central.....	1,620,239	1,328,425	114,885	178,487	202,358	139,784	459,579	358,203	289,345	241,119
South Atlantic.....	890,878	714,971			95,268	47,303	432,285	363,004	175,545	162,900
East South Central.....	265,695	199,872	32	40	14,626	25	120,334	95,310	74,670	72,975
West South Central.....	128,191	119,846	753	288			69,396	57,613	36,052	34,328
Mountain.....	258,758	198,398			52,790	30,535	136,266	97,616	45,838	45,884
Pacific.....	191,135	146,836			1,732	5,073	118,925	79,508	52,513	48,018
	511,043	378,808			51,222	7,461	313,863	242,790	88,963	80,015
NEW ENGLAND:										
Maine.....	42,373	41,636			10	8	19,906	14,078	19,949	20,974
New Hampshire.....	34,473	36,683					20,922	18,616	12,408	16,714
Vermont.....	14,566	12,777					5,847	5,127	6,647	6,589
Massachusetts.....	277,327	252,172	44,311	31,507	225	9,097	97,733	73,908	76,896	74,966
Rhode Island.....	28,294	31,329					10,915	12,631	14,804	15,337
Connecticut.....	57,097	60,639					20,317	17,072	30,243	29,919
MIDDLE ATLANTIC:										
New York.....	1,067,339	1,514,492	218,284	445,058	43,809	13,967	383,989	398,878	163,204	162,803
New Jersey.....	143,432	105,932	45,235	24,700		2,850	14,742	12,362	52,466	21,600
Pennsylvania.....	454,850	326,712	1,746	610	57,790		172,901	120,192	71,894	71,025
EAST NORTH CENTRAL:										
Ohio.....	248,431	195,208			23,182	5,296	82,586	68,369	46,282	45,861
Indiana.....	90,617	90,512					42,456	43,687	21,600	21,600
Illinois.....	655,234	491,305			178,668	133,480	209,579	150,929	133,637	96,073
Michigan.....	319,766	310,143	102,785	170,763	500	1,000	89,677	60,314	46,468	40,951
Wisconsin.....	306,191	241,257	12,100	7,724	8	8	35,281	34,904	41,349	36,574
WEST NORTH CENTRAL:										
Minnesota.....	185,469	154,502			702	4,345	113,742	90,784	41,552	37,763
Iowa.....	267,372	220,147			34,950	22,430	141,774	117,271	51,676	46,988
Missouri.....	159,972	142,128			800		55,384	53,885	26,681	26,347
North Dakota.....	25,065	19,951					14,746	9,656	10,343	9,543
South Dakota.....	33,465	30,475					16,880	16,181	10,263	10,233
Nebraska.....	155,822	101,246			58,816	20,528	45,497	45,221	19,121	17,884
Kansas.....	63,173	46,522					44,262	30,006	15,909	14,192
SOUTH ATLANTIC:										
Delaware.....	2,503	2,182					464	632	1,477	1,209
Maryland.....	67,410	33,279	32	40	14,601		11,869	8,176	7,448	8,176
District of Columbia.....	23,385	18,405					7,760	5,988	12,712	10,492
Virginia.....	58,950	45,732			25	25	38,579	25,806	16,323	16,072
West Virginia.....	21,968	18,581					11,232	8,766	7,476	7,676
North Carolina.....	24,238	22,428					14,949	12,967	7,649	7,408
South Carolina.....	12,881	12,683					6,351	6,318	5,714	5,809
Georgia.....	32,619	29,057					18,384	16,462	10,572	10,954
Florida.....	19,651	17,525					10,546	10,195	5,299	5,179
EAST SOUTH CENTRAL:										
Kentucky.....	32,268	35,901					17,124	15,519	11,371	11,594
Tennessee.....	53,653	48,419	753	288			25,411	21,097	11,766	9,933
Alabama.....	27,956	22,458					18,245	13,250	8,050	8,245
Mississippi.....	14,314	13,038					8,616	7,747	4,865	4,554
WEST SOUTH CENTRAL:										
Arkansas.....	34,334	23,671					25,916	16,255	6,095	5,837
Louisiana.....	25,447	24,203			5	10	11,847	12,821	6,368	6,119
Oklahoma.....	43,180	32,530					29,213	15,481	8,003	7,940
Texas.....	155,797	117,994			52,785	30,525	69,290	53,059	25,372	25,988
MOUNTAIN:										
Montana.....	48,498	32,799					34,696	20,437	10,302	10,445
Idaho.....	25,636	17,950					19,462	12,803	5,328	4,709
Wyoming.....	7,237	11,133					3,640	7,902	3,571	3,206
Colorado.....	46,438	41,078			563	4,744	19,163	12,796	19,270	16,643
New Mexico.....	7,570	9,522			70		3,267	5,370	4,049	4,147
Arizona.....	7,844	6,485					3,376	2,419	4,265	3,875
Utah.....	45,545	26,276			1,070	280	34,181	17,374	4,554	3,970
Nevada.....	2,367	1,593			29	49	1,140	507	1,174	1,023
PACIFIC:										
Washington.....	67,654	57,271			2,140	1,600	38,728	32,598	15,845	13,081
Oregon.....	38,794	39,317			700	1,200	21,741	23,169	10,346	9,495
California.....	404,595	282,220			48,382	4,661	253,394	187,023	62,772	57,439

* Totals include quantities reported by miscellaneous classes of business, as follows: For 1918, 1,426,977 pounds; for 1917, 1,437,180 pounds.

What are you doing to help win the
war for freedom?

If you can't enlist, buy
WAR SAVINGS STAMPS
and keep on buying them.

When you buy
WAR SAVINGS STAMPS
you help your country and help yourself
at the same time.

The money you invest
in
WAR SAVINGS STAMPS
now
will come back to you, with interest,
in 1923.